

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION II EDISON, NEW JERSEY 08837

ACTION MEMORANDUM – RV1

SUBJECT: Confirmation of a Verbal Authorization, Request for Ceiling Increase, 12-Month

Exemption, and \$2 Million Exemption for the CERCLA Emergency Removal Action at the Superior Barrel and Drum Site, Elk Township, Gloucester County,

New Jersey

FROM:

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Removal Action Branch

THRU:

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Emergency and Remedial Response Division

TO:

Judith A. Enck

Regional Administrator

Site ID No.: A23K

I. PURPOSE

The purpose of this Action Memorandum is to confirm and document the verbal authorization granted by the Director of the Emergency and Remedial Response Division to initiate an emergency removal action at the Superior Barrel and Drum Site ("Site") in Elk Township, Gloucester County, New Jersey. This Action Memorandum further requests a ceiling increase and emergency exemption to the 12-month and \$2 million statutory limits. On September 27, 2013, the U.S. Environmental Protection Agency ("EPA") On-Scene Coordinator ("OSC") requested and was granted verbal authorization pursuant to the Comprehensive Environmental Resource, Conservation and Liability Act of 1980 ("CERCLA") to initiate a removal action. The total funding, verbally authorized for this action, was \$600,000, of which \$500,000 is for mitigation contracting. The removal action was initiated on September 27, 2013. This Action Memorandum requests approval of an additional \$3,480,000, of which \$2,500,000 is for mitigation contracting. Approval of this increase will raise the total project ceiling to \$4,080,000, of which \$3,000,000 is for mitigation contracting.

EPA has identified numerous hazardous substances on-site which present an imminent and substantial endangerment to public health, or welfare, or the environment. The additional funding requested in this memorandum is necessary to complete the ongoing removal action and mitigate threats posed by these materials. Over 2,000 drums, totes, and other various sized

containers have been identified on-site. Many of the containers are in deteriorated condition and are leaking.

Conditions at the Site continue to meet the criteria for a removal action under CERCLA, as amended and documented in Section 300.415(b)(2) of the National Contingency Plan ("NCP"). The Site is not on the National Priorities List ("NPL") nor is it currently proposed for inclusion on the NPL. There are no nationally significant or precedent setting issues associated with this removal action.

II. SITE CONDITIONS AND BACKGROUND

The Comprehensive Environmental Response, Compensation and Liability Information System identification number for the Site is NJD986630705.

A. Site Description

1. Removal site evaluation ("RSE")

On August 29, 2013, the New Jersey Department of Environmental Protection ("NJDEP") notified the EPA Region 2 Regional Emergency Operations Center of deteriorated conditions at the Superior Barrel and Drum Site, a former drum and container reconditioning facility and wholesale industrial supplier. This facility is not served by any public utilities and appears to have been abandoned. NJDEP Emergency Response personnel requested the assistance of EPA OSCs with investigating conditions of containers at the facility.

On August 30, 2013, EPA OSCs met with NJDEP and Gloucester County officials at the Site. Thousands of containers, mostly 275-gallon totes and 55-gallon drums, were observed along a public road (Jacob Harris Lane) which borders the Site as well as in the woods, wetlands, and elsewhere throughout the property. Drums' and other containers were stacked several high in numerous locations and were in various states of deterioration. Many containers were found to be leaking, void of tops, exposed to weather elements, rusted, damaged due to gunshots, stored improperly, and laying on their sides. Some containers were found in standing water. Numerous trailers, most of which are heavily damaged, were also found to be open and containing numerous 55-gallon drums. Thermal imagining indicated that most of the containers throughout the Site were full of contents, but the majority was not labeled. Labels on several of the containers indicated that their contents were flammable liquids, corrosives, marine pollutants, flammable solids, oxidizers or non-hazardous materials. County officials indicated that attempts to reach the property owner had failed numerous times. The owner had filed for bankruptcy in 2012 but the case was dismissed due to lack of information provided by the plaintiff. Elk Township was planning foreclosure proceedings in summer 2012 due to back property taxes owed, however the Gloucester County Fire Marshal's Office recommended not doing so due to site conditions.

NJDEP collected samples from four random 55-gallon drums and analyzed them using field screening tests, including photo-ionization detection and hazardous material

categorization ("HazCat") analysis. Results indicated that the materials were corrosive and highly flammable, and had high levels of volatile organic compounds ("VOCs").

NJDEP referred the Site to EPA on August 30, 2013 due to the conditions at the Site, including container contents spilled in wetlands, contents pooling alongside the road, and unsecured access to the facility. On August 30, 2013, EPA contacted the property owner, who also owns the on-site business, to request access to perform an assessment and investigation of container contents. The property owner stated that all containers located inside the on-site building contained non-hazardous materials, while the contents of the containers located outside the building were unknown.

Following numerous attempts to obtain access to the Site from the property owner and issuance of an Administrative Order to the property owner for Site access, on September 12, 2013, EPA obtained an Administrative Warrant for entry onto the Superior Barrel and Drum Site from a United States Magistrate Judge. The warrant allows for entering, investigating and securing the property as well as sampling of containers located on-site.

On September 13, 2013, the EPA Removal Action Branch ("RAB") initiated a removal assessment of the Site. As part of these operations, samples were collected from a random selection of containers throughout the Site for HazCat field analysis with assistance from EPA Removal Support Team ("RST") and Emergency and Rapid Response Services ("ERRS") contractors. Between September 13 and 27, 2013, a total of 252 containers were opened and aliquots of the contents were collected for HazCat analysis. The analysis indicated the presence of oxidizers, flammable liquids, flammable solids and combustible liquids within containers on-site. Many of the containers contained multiple phases of material (i.e., liquids, sludges and solids), and handheld monitoring equipment indicated that vapor phase within the head space of many of the containers had high concentrations of VOCs.

A total of 84 samples (including six Quality Assurance/Quality Control samples) from 79 containers were sent off-site for confirmatory laboratory analysis. Environmental samples, including 36 surface soil and 4 surface water samples, were also collected and sent for confirmatory laboratory analysis. The analysis identified the presence of numerous CERCLA-designated hazardous substances within the on-site containers, surface soil and surface water, including benzene, toluene, trichloroethylene, ethylbenzene, xylenes, polychlorinated biphenyls ("PCBs") and lead. Many of these compounds were found in containers that are actively leaking onto surface soils. Similarities between the hazardous substances found within the containers and the soil verifies that the on-site soil contamination is attributable to releases from the containers.

In addition to the HazCat and laboratory analyses, a container count was conducted. Approximately 2,000 containers were identified, not including hundreds of drums within deteriorated trailers which were physically unsafe to access. A large proportion of the containers were weathered and in poor condition. Drums were found to be bulging, punctured, rusted, and void of tops. Several drums and containers were found in standing water throughout the property, and many were located within the on-site wetlands. These

wetlands are included in the National Wetlands Inventory, administered by the U.S. Fish and Wildlife Service.

Based on the results of the removal assessment and failed attempts to reach the property owner, on September 27, 2013, EPA obtained an Administrative Warrant for a removal action at the property from a United States Magistrate Judge. In addition to entering the property, securing the Site and sampling various media, the warrant allows for removal of containers of hazardous substances, decontamination of tanks, clean-up of chemical storage and process areas, off-site disposal of all materials removed from the site and further assessment to determine if additional response actions are necessary.

Following receipt of the Administrative Warrant for a removal action, EPA initiated a removal action at the Site on September 27, 2013. The removal action is currently ongoing.

2. Physical location

The Site is located at 798 Jacob Harris Lane, also known as 830 Jacob Harris Lane (formerly New Jersey Avenue), in Elk Township, Gloucester County, New Jersey (coordinates 39.6869, -75.132314; Block 30, Lot 4). A Site Location Map is included as Attachment A. Jacob Harris Lane is a public, mostly paved road which becomes an unpaved dirt road approximately 650 feet north of the Site; the entrance to the Site is along the dirt road. The facility consists of one main processing building and numerous trailers located throughout the 5.51-acre property. The Site is bordered to the north by Industrial Drum Company, a competitor in the drum reconditioning business. A chain-link fence separates the two properties. Jacob Harris Lane marks the eastern boundary of the Site, beyond which is a densely forested private property. To the south are private, undeveloped lands which are also densely wooded with several marshy areas. The Site is bordered to the west by undeveloped, densely forested land and State Route 55, a major highway. The closest residential properties are located approximately 0.25 mile east and southeast of the Site along Whig Lane. These properties obtain potable water from private wells.

3. Site characteristics

The on-site business, Superior Barrel and Drum Co. Inc., also referred to as Superior Drum and Barrel, began as a sole proprietorship in 1974 and was incorporated in 1979. It is listed in commercial directories for the sale of new and reconditioned drums and wholesale industrial supplies as well as "other metal container manufacturing." Historic aerial photographs indicate that the Site was undeveloped and densely forested prior to 1970.

Currently, the Site facility is inoperable and is not served by any public utilities. It has been reported that the last known operational activity occurred in 2012, although local citizens have indicated that the property owner was present on-site as recently as summer 2013. Several companies have been to the property in recent years to remove machinery and equipment. The Site is open to persons traveling along Jacob Harris Lane. The Site is

unsecured from all directions and evidence of trespassers has been noted. All doors of the main building and trailers are unlocked and were found to be open during the initial Site visit.

The Site consists of two operational areas. The main area consists of a permanent, industrial single-story steel building approximately 12,100 feet in size, which is surrounded by an unpaved gravel and dirt lot. The building was constructed from 1994 to 1995, following the collapse of an original on-site building which was present from 1987 through 1994. The current on-site building was formerly utilized to receive, rinse and recondition drums and other containers for future market. This main area is approximately 2.4 acres, and containers are located throughout, mostly along the tree line. Nine deteriorated trailers are also spread throughout this area, including an abandoned office trailer, an abandoned office/residential trailer, four trailers which are full of 55-gallon drums and three trailers which are empty. An additional operational area, referred to as Area 3, is located to the south of the main area, and is separated by undeveloped wooded land. This additional area is approximately 0.32 acre in size and has been utilized for densely-packed storage of full 275-gallon totes and 55-gallon drums, as well as two trailers which contain drums and other containers. Both areas show signs of impact from leaking containers, including visible spills, filmy substances covering standing water, and stressed vegetation. The remaining portions of the property lot are undeveloped and densely wooded. Parts of the southern portion of the lot are federallydesignated wetlands, including an area which extends from the southwest corner of the on-site building to the southern tree line of the main operational area.

This facility has not been owned or operated by any federal, State or local government entity. This is the first removal action undertaken by EPA at the Site.

4. Release or threatened release into the environment of a hazardous substance, or pollutant, or contaminant

Actual and threatened releases of hazardous substances from containers at the Site have been documented. The HazCat analysis indicated that container contents are highly flammable, corrosive, combustible, and/or oxidizers. Results of laboratory analysis of samples collected from multiple containers indicate the presence of numerous CERCLA-designated hazardous substances, including toluene up to 22,000,000 parts per billion ("ppb"), benzene up to 2,200,000 ppb, trichloroethylene ("TCE") up to 550,000 ppb, tetrachloroethylene ("PCE") up to 300,000 ppb and lead up to 2,800 parts per million.

These results are included as Attachment B. Labels on several drums indicated that the contents include flammable liquids, corrosive substances, marine pollutants, flammable solids and oxidizers. Containers were found to be leaking, void of tops, exposed to weather elements, rusted, damaged due to gunshots, stored improperly, and laying on their sides. Some of the drums were bulging. Several of the containers were found in standing water in a federally-designated wetland. Contents from the containers were found to be spilled onto the surface soil and wetlands and pooling along the roadside adjacent to the facility. Two ponds and a creek are present on the property downgradient of the container storage areas.

The hazardous substances listed below were observed to be present at the Site during the removal site evaluation in September 2013.

Compound **	Statutory Source	for a lilazardo	in Substance	
	3191(b)(2)(GWAS	307(a)CWA	112 CAA **	3001 RCRACE
Benzene	X	X	X	X
Toluene	X	X	X	X
Trichloroethene	X	X	X	X
Tetrachloroethene		X		X
Lead		X	X	X

^{*}Clean Water Act Section 311(b)(2) and/or Section 307(a)

Numerous mechanisms for releases to the environment stem from historic poor handling practices, improper storage of materials and abandonment or discarding of hazardous substances, pollutants or contaminants. Along with poor housekeeping, most containers are located in unsecured areas and are exposed to adverse weather elements. Potential routes of exposure to these materials include dermal contact, ingestion, and inhalation. In addition, in the event of a fire on-site, the hazardous substances noted above can be released into the air which may result in their migration into adjacent properties and nearby residential properties. Trespassers entering the building can come in direct contact with hazardous substances and can track/transport the contamination off-site.

Continued exposure of the drums to excessive moisture and temperature extremes will cause the 55-gallon drums on-site to further corrode and bulge. The freezing and expanding of drum contents may result in additional releases during thaw cycles. Contaminants can migrate into the environment through air entrainment of particulates or surface water runoff. Releases from containers within the on-site building may migrate to the trench drain along the north portion of the on-site building or the floor drain in the west area of the building. The outfall for the trench drain, if existing, is unknown. The floor drain outfall is the undeveloped, soil and grass-covered ground directly to the west of the on-site building. A pipe, which does not appear to be connected to either of these drains, has been observed in the wooded wetland area of the property, and any release running through it may migrate to the wetlands. Due to the large amount of containers covering the floor within the on-site building, it is unknown if additional floor drains are present.

These mechanisms will continue the spread of contamination from the Site unless the actions proposed in this memorandum are implemented.

5. National Priorities List ("NPL") Status

The Site is not on the NPL, nor is it proposed for NPL listing at this time.

^{**}Clean Air Act Section 112

^{***}Resource Conservation and Recovery Act ("RCRA") Section 3001

6. Maps, pictures and other graphic representations

A Site Layout and Area Designation Map which shows the container storage areas are included as Attachment C. Photographs documenting the conditions of the containers are included as Attachment D to this Action Memorandum.

B. Other Actions to Date

1. Previous actions

No previous actions have been taken by EPA or any other federal, State or local entity to address the compromised containers of hazardous substances located at the Site.

2. Current actions

On September 12, 2013, EPA obtained access to the Site through the issuance of an Administrative Warrant.

On September 13, 2013, RST personnel initiated a facility container count. Over 2,000 containers were visible. The ERRS contractor mobilized equipment to the Site to safely move drums and containers on-site to facilitate the counting, inspection and sampling activities. ERRS also constructed a field laboratory for performing HazCat analysis of samples being collected.

On September 14, 2013, EPA and contractors reconvened at the Site. A walkthrough was conducted and the eastern border of the property was secured by installing high-visibility temporary fencing along Jacob Harris Lane. Warning signs were posted, and fire extinguishers were brought to the Site and placed in key locations.

From September 16 through 27, 2013, ERRS contractors moved and staged containers throughout the Site to allow them to be viewed and sampled more easily and safely. When a container was found to be leaking, bulging, crystallizing, labeled as a hazardous substance or with foreign text, or exhibiting/containing an interesting feature it was noted to be a HazCat candidate. Utilizing thermal imagery to gauge the volume of material within the containers, those that were empty or containing a very small amount of material were not opened while the others were opened by field teams wearing Level B personal protective equipment. The container type, condition, readings from field instruments and any markings or labels were recorded. Aliquots of material collected were taken to an on-site laboratory. A chemist, using the HazCat identification system, field tested the material to determine if certain properties were present, including whether the material could be considered to be corrosive, acidic, basic, a potential oil, a chlorinated solvent, containing PCBs, flammable or an oxidizer. The HazCat analysis identified oxidizers, flammable liquids, flammable solids and combustible liquids on-site. Confirmatory laboratory analysis performed on these samples later identified the presence of numerous CERCLA hazardous substances, including benzene, toluene, trichloroethylene, ethylbenzene, xylenes, PCBs and lead. Many of these compounds were found in containers that are actively leaking onto surface soils.

Samples of surface soils and surface waters were also collected and sent for analysis. Results showed beyond a reasonable doubt that the materials on-site contain hazardous substances. Results also showed that surface soils were impacted with the same compounds as those found inside the containers.

Based on the results of the removal assessment, EPA determined that a removal action is warranted to address the presence of hazardous substances in the on-site containers and contaminated soil. On September 27, 2013, EPA obtained an Administrative Warrant and a verbal authorization to conduct the removal action. This marked the commencement of the removal action. Since September 27, 2013, moving, inspection and sampling of drums and containers has been occurring, and samples are being field-tested using HazCat analysis to determine how container contents can be consolidated prior to shipment off-site for proper disposal.

C. State and Local Authorities' Roles

1. State and local actions to date

NJDEP inspected the Site numerous times between 2009 and 2013 and continually requested that the property owner conduct a cleanup of the on-site deteriorated containers. Following a 6-month period of non-conformance with recommendations, NJDEP issued a Notice of Violation ("NOV") to the Superior Barrel and Drum Company in June 2013 for the illegal operation of solid waste facility. The NOV failed to be delivered to the property owner due to abandonment of the facility. In August 2013 the Gloucester County Fire Marshal's Office visited the property by request of Elk Township officials, who were preparing resolutions for foreclosure proceedings on the property due to unpaid taxes. The Gloucester County Fire Marshal's Office inspected the property and contacted the Gloucester County Hazardous Materials Response Unit ("Haz-Mat") on August 10, 2013 to perform a visit. Following an investigation and minor field screenings, Haz-Mat notified NJDEP Bureau of Emergency Response ("NJDEP BER"). By August 24, 2013 NJDEP BER visited the property. On August 29, 2013, NJDEP BER collected samples from four random containers and conducted field screening tests on them. The results indicated flammable substances, toluene-based materials, and high pH solutions existed in the containers. NJDEP requested the assistance of EPA on August 29, 2013 with investigating conditions of containers at the facility, and referred the Site to EPA on August 30, 2013.

2. Potential for continued State/local response

The Gloucester County Fire Marshal's Office ("Office") will continue to visit the Site and review operational activities conducted by EPA. The Office will provide any necessary logistical support and act as a liaison to other governmental partners, including the Gloucester County Haz-Mat Office, local Fire Department, and Elk Township Police Department. NJDEP will continue to visit the Site on a weekly basis. NJDEP personnel will generate updates and reports to inform State partners of on-going activities. NJDEP will also continue to provide EPA background information, previous inspection notes, and any additional pertinent information that may aid in the removal action or

enforcement activities. NJDEP will also assist in obtaining information from potential generators and transporters of waste to and from the Site.

III. THREATS TO PUBLIC HEALTH, OR WELFARE, OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

Conditions at the Site meet the requirements of 40 CFR Section 300.415(b) for implementing a CERCLA removal action. Factors from the NCP that support a removal action at this Site are provided below.

A. Threats to Public Health or Welfare

(i) Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, or pollutants, or contaminants.

Analysis of contents of containers found at the Site has identified flammable liquids, corrosives and hazardous substances including benzene, toluene, trichloroethene, PCBs and lead. Several of these containers have been compromised and/or have leaked, allowing for actual or potential exposure to nearby human and animal populations. Anyone trespassing on the Site or nearby areas could become contaminated with hazardous substances and track/transport them to off-site areas, causing others to be exposed. The Site is located along a public road, which is routinely traversed by people traveling to the property further south of the Site, for which there is no other entrance. Residences are located less than 0.25 mile away along Whig Road and less than 0.5 mile from the Site along Aurora Road. A business is located approximately 150 feet north of the Site.

If any on-site containers or the site building were to catch fire, the plume created by the combustion of the containers' contents would release CERCLA-designated hazardous substances into the air that could migrate into surrounding residences and businesses, potentially presenting an immediate inhalation threat to residents, emergency responders and employees of the nearby business. Due to the lack of a functioning sprinkler system or other fire suppression systems on-site (aside from fire extinguishers placed by ERRS contractors), the fire could burn uncontrolled until emergency responders could arrive.

(iii) Hazardous substances, or pollutants, or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

Over 2,000 drums, industrial totes, aboveground storage tanks and other containers are present on-site. Many of these containers are significantly deteriorated. Hazardous substances and characteristic wastes are present in a large portion of the compromised containers, and all containers are unsecured and exposed to adverse weather conditions, flooding and temperature extremes. These containers pose a threat of release. Several containers have already leaked and/or have been voided of contents.

(v) Weather conditions that may cause hazardous substances, or pollutants, or contaminants to migrate or be released.

Several containers were found to be without covers or with covers that are ajar, or have holes on the sides. Precipitation entering the containers may cause the material stored inside to overflow and spill onto the ground surface, which is unpaved. This material can then make its way via surface water runoff to the nearby creek, ponds and wetlands, or can soak down into the water table. The material can then migrate and contaminate downgradient properties if a removal action is not taken. The pending winter conditions and freeze/thaw cycles increase the possibility that the contents of the drums and containers will leak, or the containers may become more degraded due to cold extremes and weathering.

(vi) Threat of fire or explosion.

HazCat techniques indicated that numerous containers hold material that is extremely flammable. Should this material come into contact with an ignition source, a fire or explosion could occur. As significant quantities of combustible materials, both hazardous and non-hazardous, are located on-site, a fire or explosion in one area of the Site may create a chain reaction, igniting nearby drums and other materials. The resultant fire and/or explosion may be catastrophic. The plume created by a fire and/or explosion on-site could easily migrate off-site into neighboring residences and businesses, causing widespread exposure to airborne contaminated particles. Furthermore, water used by firefighters, in the event of a fire, would become contaminated by site materials and enter the nearby creek and wetlands, potentially impacting other nearby surface water areas.

(vii) The availability of other appropriate federal or State response mechanisms to respond to the release.

To date, Elk Township, Gloucester County and NJDEP have not addressed the containers at the Site and have requested EPA assistance in conducting a removal action. There are no State or local response actions expected to mitigate the threats to public health or the environment on the Site. EPA is the only government agency capable of taking a timely and appropriate action to respond to the threat posed by the presence of hazardous substances on the Site.

B. Threats to the Environment

The Site is located in a mixed rural, commercial, industrial and residential area. According to the U.S. Fish and Wildlife Service, endangered species, including the Swamp Pink, are located 500 feet from the southern border of the Site. The facility also sits partially on federally declared wetlands. Since a release has occurred and there is a potential for additional releases, the natural flora and fauna in the surrounding areas may be negatively impacted. Partially dead trees and stressed vegetation are present on-site surrounding one of the main drum storage areas (Area 3) where multiple drums are leaking unknown substances and the water table is close to the surface. A release may also cause hazardous substances to be transported off-site via surface water run-off.

IV. ENDANGERMENT DETERMINATION

Actual and potential releases of hazardous substances from the Site may present an imminent and substantial endangerment to public health, or welfare, or the environment.

V. EXEMPTION FROM STATUTORY LIMITS

Conditions at the Site meet the criteria for an emergency exemption under CERCLA 104(c). Based on the volume of material present on-site, the logistical difficulties in stabilizing containers, and the uncertainty of available, approved off-site disposal facilities, Site activities may exceed the 12-month statutory limit for a removal action. The threat to human health and the environment posed by the contamination found at the Site warrants a 12-month exemption and \$2 million exemption.

A. Emergency Exemption

1. There is an immediate risk to the public health, or welfare, or the environment:

Over 2,000 containers, including industrial totes and drums, have been discovered on-site posing an immediate risk to public health or welfare or the environment. Many of them have been found to contain designated hazardous substances which have released or pose a serious threat of release into the environment. Continued exposure of the containers to the weather is of immediate concern. Many of the containers have already been corroded by exposure to the elements. Further exposure to extreme heat and cold, precipitation and wind will advance the deterioration of the containers and could result in additional releases to the environment.

The Site is located in a wooded area with several business and residential properties nearby. Lands surrounding the Site are privately held and used for hunting purposes by their respective owners. The containers located on-site pose an immediate risk to those individuals, as well as the local flora and fauna that are listed endangered species located in the federally-designated wetland. Easily ignitable and explosive substances with flashpoints below 70°F have been identified in numerous deteriorating 275-gallon totes and 55-gallon drums. Incompatible substances are stored next to, and on top of, each other, presenting a high risk of fire/explosion. Acts of vandalism and trespassing are evident throughout the Site and clandestine illegal drug manufacturing has been identified in one of the on-site trailers. A fire or explosion at the Site could consume containers of hazardous and unknown substances, and subsequent spread of toxic fumes to commercial and residential communities located nearby would greatly impact human health.

2. Continued response actions are immediately required to prevent, limit, or mitigate an emergency; and

The threats posed by the drums and containers on-site are significant. Continued response actions by EPA are immediately required to mitigate these threats. The removal action

began on September 27, 2013 and is ongoing. EPA has secured many of the drums and containers on-site since that time. However, additional containers are yet to be uncovered and stabilized. Should these containers remain on-site and not be secured by EPA, it is likely to result in a release of hazardous substances to the environment.

3. Assistance will not otherwise be provided on a timely basis.

Assistance from outside agencies will not be provided on a timely basis. The State of New Jersey does not have the resources required to undertake such a response action as proposed in this Action Memorandum on a timely basis. EPA will continue to conduct the necessary removal actions until the threats are mitigated. A potentially responsible party has been identified but has been uncooperative with EPA.

VI. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

1. Proposed action description

The purpose of this removal action is to eliminate the threats to public health and the environment associated with the release or threat of release of hazardous substances at the Site. The proposed scope of work for the removal action includes the removal and off-site disposal of all containers, container contents and grossly contaminated soil in container storage areas.

EPA proposes to complete HazCat analysis on all on-site materials and then bulk the materials to consolidate wastes with similar characteristics, if possible. The contents of all containers will be transferred to Department of Transportation shippable containers to prevent additional spillage of materials during transport. Materials will be transported to proper hazardous waste disposal facilities that are awarded a transport and disposal bid through the ERRS contractor. All spent containers, which will be RCRA-empty, as well as non-hazardous site wastes resultant from EPA's removal operations, will also be shipped off-site for proper disposal.

Soil samples will be collected in areas that have been impacted from spilled materials. Samples will be shipped to approved laboratories for analysis of VOCs, Semi-volatile Organic Compounds ("SVOCs"), Total Analyte List metals and additional parameters. The analytical data will dictate the amount of contaminated soil that is necessary to remove.

Disposal of materials will be conducted following HazCat of all container contents, bulking of materials, collection of composite samples, and receipt of analytical results of the bulked materials. All disposal and transportation of contents to off-site facilities will be conducted in accordance with the CERCLA Off-Site Rule. Following removal and disposal of containers and contaminated media, no post-removal Site controls are anticipated.

2. Contribution to remedial performance

Based on available information, the proposed actions will not impede future responses.

3. Engineering Evaluation/Cost Analysis ("EE/CA")

Due to the time-critical nature of this removal action, an EE/CA has not been prepared.

4. Applicable or relevant and appropriate requirements ("ARARs")

ARARs within the scope of this removal action, including the RCRA and the Hazardous Materials Transportation Uniform Safety Act regulations that pertain to the disposal of hazardous wastes, will be met to the extent practicable.

5. Project schedule

Response actions at the Site commenced on September 27, 2013 and are continuing. Staging of the drums and containers to facilitate access, collection of aliquots from each container and HazCat of the samples is expected to continue through December 2013. Setup for bulking activities as well as the bulking/consolidation itself is expected to span more than three months. Sampling and laboratory analysis of bulked waste streams will be required to properly characterize waste materials for appropriate treatment and disposal. Following receipt of waste stream analytical results, shipment of materials offsite is expected to be completed in spring 2014. The removal action may extend beyond September 27, 2014, necessitating a 12-month exemption.

B. <u>Estimated Costs</u>

EXTRAMURAL COSTS	Funding Verbally Authorized on 9/27/2013	Ceiling Increase Requested	Total Funding Requested
Regional Removal Allowance Costs		* .	
Total Cleanup Contractor Costs	\$500,000	\$2,500,000	\$3,000,000
(including labor, equipment, materials and a 20% contingency)			
Other Extramural Costs Not Funder	d from the Perior	nal Allowanee	
Total Contract Laboratory Program, Removal Support Team, Atlantic Strike Team	\$100,000	\$300,000	\$400,000
Subtotal, Extramural Costs	\$600,000	\$2,800,000	\$3,400,000
Extramural Costs Contingency (20% of Subtotal, Extramural Costs, rounded to nearest 1,000)	\$0	\$680,000	\$680,000
TOTAL REMOVAL ACTION PROJECT CEILING	\$600,000	\$3,480,000	\$4,080,000

VII. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

A delay in action or no action at the Site would increase the actual and potential threats to public health and the environment.

VIII. OUTSTANDING POLICY ISSUES

There are no known outstanding policy issues associated with the Site at the present time.

IX. ENFORCEMENT

As noted in the RSE section of this Action Memorandum, access to the Site and authorization to conduct a removal action were provided under a Warrant issued by the United States District Court.

To date, no potentially responsible parties ("PRPs") have been identified that are capable of conducting the required removal action. PRP search activities will continue in an effort to identify PRPs that can take-over the on-going removal action, conduct future response actions or reimburse EPA for response costs.

Based on full cost accounting practices, the total EPA costs for this removal action that will be eligible for cost recovery are estimated to be \$5,875,509. The following chart describes the costs which EPA believes are eligible for cost recovery as part of this response action.

Cost Type		Funding Requested in this Action Memorandum
Direct Extramural Costs		\$4,080,000
Direct Intramural Costs		\$ 350,000
Subtotal, Direct Costs		\$4,430,000
Indirect Costs (Indirect Regional Cos	st Rate 32.63%)	\$1,445,509
Estimated EPA Costs Eligible for Co	st Recovery	\$5,875,509

Note: Direct costs include direct extramural costs and direct intramural costs. Indirect costs are calculated based on an estimated indirect cost rate expressed as a percentage of site-specific direct costs, consistent with the full cost accounting methodology effective October 2, 2000. These estimates do not include pre-judgment interest, do not take into account other enforcement costs, including Department of Justice costs, and may be adjusted during the course of a removal action. The estimates are for illustrative purposes only and their use is not intended to create any rights for responsible parties. Neither the lack of a total cost estimate nor deviation of actual costs from this estimate will affect the United States' right to cost recovery.

X. RECOMMENDATION

F. Mumford, NJDEP A. Raddant, USDOI L. Rosman, NOAA R. Craig, RST

This decision document represents the selected removal action for the Superior Barrel and Drum Site in Elk Township, New Jersey, developed in accordance with CERCLA as amended, and is not inconsistent with the National Contingency Plan. This decision is based on the administrative record for the Site.

Conditions at the Site meet the NCP section 300.415(b) criteria for a removal action and the CERCLA Section 104(c) emergency exemption from the \$2 million and 12-month limitations. The total project ceiling verbally authorized to date is \$600,000, of which \$500,000 is for mitigation contracting. This Action Memorandum requests an approval of an additional \$3,480,000, of which \$2,500,000 is for mitigation contracting. Approval of this increase will raise the total project ceiling to \$4,080,000, of which \$3,000,000 is for mitigation contracting. There are sufficient monies in the Regional removal advice of allowance to fund this project.

Please indicate your formal approval of the verbal authorization, ceiling increase, and specified exemptions granted for the emergency removal action at the Superior Barrel and Drum Site, as per current Delegation of Authority, by signing below.

Approved: Judith A. Enck Regional Administrator	Date: 1/1/25
Disapproved:	Date:
Judith A. Enck	,
Regional Administrator	
cc: (upon approval)	
L. Plevin, ORA	,
G. Pavlou, ORA	,
W. Mugdan, ERRD-DD	
J. LaPadula, ERRD-DD	
J. Rotola, ERRD-RAB	· · · · · · · · · · · · · · · · · · ·
E. Wilson, ERRD-RAB	
B. Grealish, ERRD-RAB	
C. Petersen, ERRD-NJRB	-
D. Karlen, ORC-NJSFB	
W. Tucker, ORC-NJSFBM. Mears	s, PAD
K. Giacobbe, OPM-GCMB	•
M. Fiore, OIG	
T. Grier, 5202GR. Van Fossen, NJ	IDEP -
E. Putnam, NJDEP	
, · — — —	· · · · · · · · · · · · · · · · · · ·

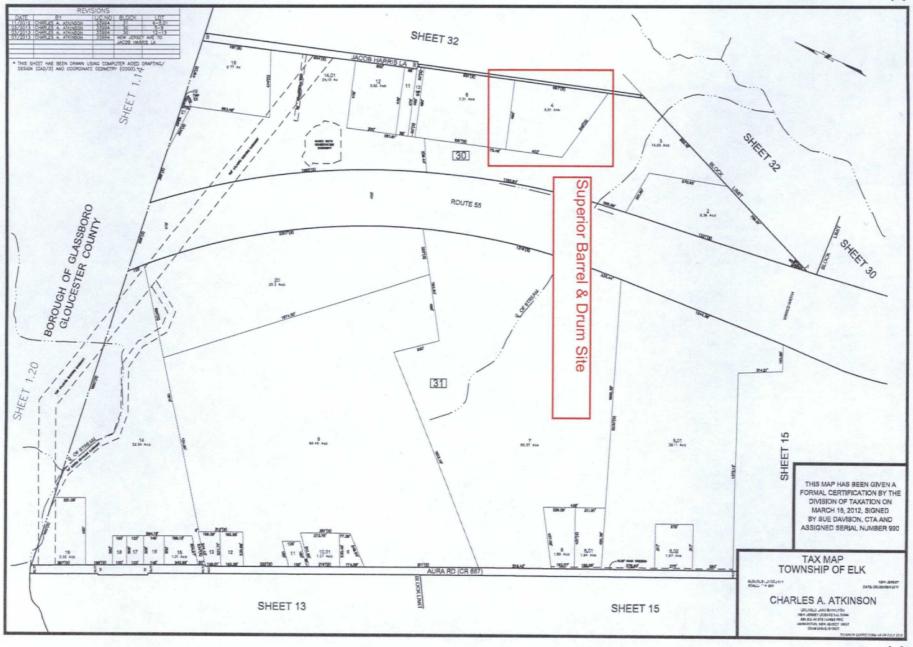
ACTION MEMORANDUM FOR THE SUPERIOR BARREL AND DRUM SITE ELK, GLOUCESTER COUNTY, NJ SITE ID A23K

ATTACHMENT A

Site Location Map







ACTION MEMORANDUM FOR THE SUPERIOR BARREL AND DRUM SITE ELK, GLOUCESTER COUNTY, NJ SITE ID A23K

ATTACHMENT B

Laboratory Analytical Results

Preliminary Analytical Data Summary Table - TCL, VOCa Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TVV-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-t011-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZTO	BAZTI	BAZT2	BAZT3	BAZT4	BAZT5
Area	Arcs01	Ares01	Ares01	Ares01	Area01	Ares01	Ares01	Ares01	Ares01	Ares01	Ares01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/33/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Wests (ug/lg)	Liquid Waste (ug/kg)	Liquid Waste (us/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Wests (uz/le)	Liquid Weste (ug/ig)	Liquid Weste (og/leg)	[.kquld Waste (ug/kg)	Liquid Wasts (ug/kg)
Dichlorodi (luoromethane	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	NO NO	ND
Chloromethene	ND ND	ND ON	<u>מא</u>	ND ND	ND ND	ND	ND .	ND	80	ND -	ND
Vinyl Chloride	ND ND	D D	ND	ND	ND ND	מא	ND ND	ND -	ND	ND	ND
Bromomethane	ND	ND ND	סא	ND ND	ND	ND	ND	ND	ND	ND ND	ND
Chloroethane	ND ND	ND ND	ND ND	ND ON	ND -	ND ND	ND ND	ND	ND D	ND -	ND
			ND	ND ND	ND ND	ND D	ND -	ND	ND	ND	סא
Trichlorofluoromethane	ND ND	ND ND	- מא	ND ND	ND ON	ND ND	ND	ND ND	ND	110	ND ON
1,1-Dichlorcethene		ND ON	ND.	ND ON	ND ND	ND ND	ND	ND ND	ND ND	ND	ND .
1,1,2-Trichloro-1,2,2-trifluorvethane	ND						ND ND	NO.	ND	ND ND	ND .
Acetone	ND ND	838,000	ND	4,000,000 E	ΝĎ	. VD .	ND	ND ND	ND ND	ND D	- GN
Carbon disst fide	ND	מא יי	ND	ND Tris	ND .	ND ND	ND -	ND NO	ND ND	65,000	ND
Met byl acetate	ND	ND	ND	ND	מא	ND .		ND NO	- NO	ND CIV	ND
Methylene chloride	ND.	ND	RD	ND	ЙĎ	ND	ND		ND ND	ND ON	ND _
trans-1,2-Dichloroethene	D CN	ND	מא	NO .	מא	ND	ND	ND	ND.	32,000	ND
Methyl tert-Butyl ether	ND	ND		83,000	מא	ND	MD	100,000			ND ND
1.1-Dichloroethane	ND D	ND	NO	ND	ND	ND	ND .	מא	ND	מא	אס
cis-1,2-Dichloroethene	מא	ND	סא	ND	מא	ND	ND ND	ND	ND	МD	
2-Butanone	מא	ND	ND	ND	ND	ND	עא	ND	ND	ND	ND
Bromochioromethane	ND	ND .	ND	ND .	ND	ND	ND	ND	ND	ND	מא
Chloroform	סא	. מא	ND	ND	ND	ND_	ND	ND	ND	ND	ND
. [.] -Trichloroethane	ΝD	ND	ND	ND	ND	ND	ND	, MD	ND_	ND	ND
Cyclohe sane	ND	ND .	ND	ND	430,000	ND	ND	16,000 J	ND	(10,000	מא
Carbon Tetrachionide	ND	מא	ND	ND	מא יי						
Benzene	ND	ND	ND	ND	72,000	ND	ND	ND	ND)9/000 J	ND
1,2-Dichloroethane	ND	ND	ND	ND	20,000 J	ND	ND	ND	ND	ND	ND
1.4-Dioxane	ND	ND CON	ND	ND	ND	ND	אס:	ND	- מא	ND	לוא
Trichlorvethene (TCE)	ND	ND	ND	ND.	ND	ND	DИD	ND	ND	ND	ND
Methylesclohexane	ND	מא	ND	ND	ND						
1.2-Dichloropropane	ND	ND .	ND	ND	ND	ND	ND.	ND	ND	ND	ND
Bromodichloromethane	סא	מא	ND	ND	D D	ND	ND	ND	ND	D	ND_
cis-1,3-Dichloropropene	ND	ND	ND ND	ND	ND ND	ND	ND	סא	ND	ND	ND ND
4-Methyl-2-pentanone	ND	150,000	ND	ND	ΝD	- 63	ND	51,000	ND	ND	ND .
Toluene	ND	600,000	44,000	210,000	3,600,000 E	97,000	17,000 J	1,700,000 E	ND	3,400,000 E	12,000 J
trans-13-Dichloropropene	מא	ND	ND	ND	ND ND	ND	ND	ND ND	ND	ND	ND
1,1,2-Trichkvoethane	ND ON	ND -	ND	ND	- NO	ND	מא	ND ND	ND	ND	מא
Tetrachloroethene (PCE)	ND CON	שא	ND ND	ND	ХD	ND	ND	ND	ND	ND	סא
2-Hexanone	ND	ND ON	ND ND	ND	NO	ND	ND	NO.	ND	ND	ND
2-rexamone Dibromochloromethane	ND ND	ND ND	D CK	ND ND	ND ND	ND	ND	ND	ND	ND	ND
1.2-Dibromoethane	ND ND	ND UNI	- מא	ND	ND	ND	ND	No	ND ND	ND O	ND
	ND ND	שא	No -	ND ·	ND ND	ND ND	ND	ND	ND ND	ND.	ND
Chlorobenzene			ND	20,000 J	120,000	ND ND	ND	33,000	ND	510,000	24,000 J
Bhythenzene	ND	200,000	ND ND			ND ND	- אט	140,000	ND ND	1.800.000 E	130,000
m.p-Xylene	ND	890,000		71,000	380,000	ND ND		35,000	ND ND	550,000	52,000
o-Xylene	ND	390,000	ND	26,000			עא סא	120,000	ND	44,000	25,000 J
Styrene	70,000,000 K	52,000	97,000	30,000	ND UE	99,000	D VD	120,000 ND	ND ND	ND ND	ND
Bromoform	ND	ND	DAD	KD CON	ND	ND D	ND ND	ND ND	ND ND	35,000	ND -
Isopropylbenzene	ND	ND	ND	מא	15,000 J	ND .		ND ND	ND ND	ND ND	ND ND
1,1,2,2-Tetrachloroethane	ND	מא	ND	ИD	ND	ND	ND		ND ND	ND D	ND ND
1,3-Dichtorobenzene	ND	ND	מא	ND	ND	ND ON	ND	ND TO		UND	ND ND
1,4-Dichlorobenzene	ND	NO	ND	מא	ND	ND	מא	ND .	ND	עא סא	ND
1,2-Dichlorobenzene	ND	מא	ND	ND	ND	מא	ND	QD.	ND.	- לוא	ND -
1,2-Dibromo-3-ehloropropane	ND	מא	מא	מא	ND	ND	ND	מא	ND	ND -	ND ON
1,2,4-Trienforobenzene	ND	מא	ND .	ND	ND	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	ND	ND	ND	ND	L ND	ND	ND	ND	ND	ND	ND
-	100 X DF	100 X DF	100 X DF	100 X DP	100 X DF	100 X DF	100 X DF	100 X DF	400 X DF	100 X DF	100 X DF

Notes:
All resists are pediminary and have out gone through any data review or validation process. Detected concentrations are Bolded.

1. Sample concentrations are bolded.

1. Indicates the reported value is an estimate.

10. Indicates the analyse was analyzed for but not detected.

DF - Dichaion Factor

NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL, VOCs
Superior Barrel and Drum Site
Superior 2013

RST 2 Sample ID	P001-TVV-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-IPW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZWO	BB004	BB005	BB006	BAZQI	BAZQ2	BA7Q)
Area	Ares01	Ares01	Ares01	Ares01	AresO1	Area01	Ares01	Ares01	Area02	· Ares02	Ares02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Weste (19/19)	Liquid Wests (ug/kg)	Liquid Waste (ug/ig)	Liquid Wests (ug/ig)	Liquid Weste (ug/kg)	Liquid Weste (ug/leg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/iq)	Liquid Waste (og/kg
Dichlorodifluoromethane	ND	ND	ND	ND	I ND	DД	ND	ND	ND	ND	ND
Chloromethone	ND	ND.	ND	ND	. ND	ND	ND	DN	ND	ND	ND
Vinst Chloride	ND	ND	ND	ND	DM	ND	ND	dy	מא	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	מא	ND	ND	ND
Chlomethone	ND	ND	ND	ND	ND	ND D	ND	ND	מא	ND	ND
Trichlorofluoromethone	ND	ND	ND	ND .	ND	ND D	ND D	ND	D	ND.	מא
I.I-Dichloroetheng	ND	ND	ND	ND	ND	ND	ND	ND	שא	עא	מא
1.1.2-Trichloro-1.2.2-trifluomethane	ND	ND	ND	ND	ND	ND	ND	ND	DN	ND	ND
Acetone	5,300,000 K	ND	ND	ND	ND	ND	3,300,000 F	9,700,000 E	ND ND	1,300	מא
Carton disulfide	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	מא	ND
Methyl acetate	ND ND	ND	ND	ND ND	ND ND	ND	ND	ND	dN	ND	ND
Methylene chloride		ND ND	ND ND	ND ND	ND.	ND	370,000	ND	ND	ND	ND
trans-1,2-Dichlomethene Methyl jert-Huryl ether	ND ND	ND ND	19,000 J	ND 23,000 J	ND 20,000 J	ND ND	ND ND	ND ND	ND ND	ND	ND
	ND	מא							ND	ND	ND
1,1-Dichloroethene cis-1,2-Dichloroethene	ND	D D D	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NP	ND .
2-Butanone	ND	ND D	ND ND	ND	ND ND	ND ND	26.000.000 R			ND	מא
Bromochloromethane	I ND	ND	ND ND	ND ND	ND ND			ND.	ND	ND	ND
Chloroform	ND	ND.	ND -	12,000 1	12,000 J	ND ND	ND	ND.	ND	ND	ND
1,1,1-Trichkopethane	14,000 J	ND.	ND ND	ND ND	ND	ND	41,000	78,000 J	ND	2,100	ND
Cyclobexane	ND ND	ND ND	18,000 J	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	NP
Carton Tetrachloride	ND ND	ND ND	ND ND	ND	NP.	ND ND	ND ND	D D		ND	ND
Benzene	ND ND	ND ND	ND D	ND	ND ND	ND -	ND ND	ND	ND ND	ND	ND .
1,2-Dichloroethane	ND	ND	מא	ИD	ND	ND -	ND.	D D	ND ND	ND	ND
1.4-Dioxane	ND ND	ND	ND	ND	ND	ND ND	ND ND	GN	ND ND	ND ND	ND ND
Trichloroethene (TCF)	550,000	ND	ND DN	ND -	ND	ND ND	<u>קא</u>	ND D	ND ND	מא	
Methylcyclohexane	I ND	NĎ	ND	ND	ND	ND ND	190,000	ND D	ND	UND UND	ND ND
1,2-Dichloropropene	ND	ND	ND	ND	ND	ND ND	ND	_ QN	ND ND	ND ND	ND ND
Bromodichloromethane	ND	. ND	ND	DID	ND	ND	ND _	ND	ND ND	ND ND	שא
cis-1.3-Dichlorogropene	ND	. ND	ND	ND	עא	ND	ND D	ND ND	ND ND	ND ND	ND ON
4-Methyl-2-pentanone	ND	ND .	D	DIN	ND	12,000,000 E	עא	12,000,000 E	ND	ND ND	ND ND
Tohume	570,000	69,000	600,000	210,000	210,000	15,000,000 E	15,000,000 E	22,000,000 E	ND	ND ND	ND ND
mans-1,3-Dichloropropene	ND.	ΝD	ND	ND	ND	ND	טא	ND	ND	ND ND	ND
1,1,2-Trichlomethane	ND	מא	ND	ND	ND T	ND	ND.	ND	ND	ND	ND
Tetrachloroethene (PCE)	DIA	ND	QK	ND.	ND	. ND	ND	ND	ND	ND	ND
2-Heumone	ND	ND	ND	ND.	I NP	. ND	מא	ND	ND	ND	ND
Di promochlo romethane	ND	QN	ND	. ND	NP	ND	מא	ND	ND	ND	ND ND
1,2-Ditromoethme	ND	ND.	ND	ND	ND	ND		ND	ND	ND	ND.
Chkwohenzene	ND	ND	ND	ND .	ND	ND	מא	ND	ND_	ND	ND
BhyRervene	250,000	250,000	30,000	360,000	350,000	790,000	7,400,000 K	7,400,000 E	ND	ND	ND
m.p-Xylene	960,000	590,000	100,000	J.600.000 E	1,500,000 E	7100'000 R	14,000,000 E	19,000,000 E	ND	MD	ND
o-Xylene	290,000	120,000	33,000	650,000	630,000	1,100,000	8,900,000 E	R.600,000 E	ND	ND	ND
Styreng	16,000 1	NĎ	D D	22,000 J	ND	290,000	670,000	ND	. 520,000	ND	640,000
Bromoform	ND	DД	D	ND	'ND	ДŊ	ND	ND	ND	ND	ND
Isopropylbenzene	NÞ	D	ND	ND	ND.	23,000 J	280,000	310,000	ND	ND	ND
1.1.2.2-Tetrachlomethane	ND	ND	ND D	ND	ND	מא	מא	ND	ND.	ND	ND
1.3-Dichlorobenzene	ND	ΝD	מא	ND	ND	ND	מא	ND	ND_	ND ND	ND
I.4-Dichlorohenzene	D	ND	ND	ΝD	ND	ND		ND	ИĎ	ДND	ND.
1,2-Dichlorohenzene	ND	ND	. אס	ND	ΝĎ	UN.	מא	ND	ND	ND	ND.
1.2-Dibromo-3-chloropropure	ND	ND .	מא	ND	ND	ND	מא	ND	D	ND	ND
1,2,4-Trichtoropenzene 1,2,3-Trichtoropenzene	ND	ND.	ИD	DM	ND.	מא	ND.	ND	ND	NP.	ND .
	I ND	ND.	ИD	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results are pretiminary and have not gone through any data review or validation process. Detected concurrations are Baldred.

5- Sample concurrations are seed the appear level of the calibration range.

J - Indicates the reported value is an estimate.

MD - Indicates the subject was a analyzed for but not detected.

DP - Dilution Pactor
NA - Not Applicable

Table 1 Preliminary Analytical Data Summary Table - TCL VOCs Superior Barrel and Drum Site September 2013

RST 1 Sample ID	P001-DVV-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample 1D	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BA784	BAZWI	BAZSI	BAZW1	BAZS1	BAZS0	BA783
Vet.	Ares02	Ares02	Area02	Ares01	Arcs01	Arcs02	Ares02	Ares02	Arca02	Ares01	Ares01
is mpling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	1.iqqid Weste (ug/ig)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Studge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Wasta (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg
Dichlorodifluoromethane	ND ND	ND ND	ND ND	ND	ND.	ND	ND	ND	ND	ND	ND
Chloromethane	ND ND	סא	ND ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND		ND	ND	ND	ND	ND	ND ·	ND	ND	ND
Promomethane	ND ND	ND	ND	ND	ND	ND	- ND	ND	ND	ND	ND
Chloroethane	ND ND	ND ON	ND ND	ND	ND	ND	מא	ND	ND	ND	ND
	ND ND	ND ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.1.2-Trichloro-1.2.2-trifluoroethane	ND	ND	ND	ND ND	ND -	ND	ND	ND	ND	ND	ND
	ND ND	ND	560,000	ND	550,000	70,000	ND	\$200,000 E	ND	ND	ND
Acctuae	ND ON	ND ND	ND	ND -	CIN CIN	ND ND	ND	ND	ND	ND	ND
Carbon disulfide Methyl acetate	130,000	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND ND	ND ND	- מא	ND -	ND	ND .	ND .	ND	ND	ND	ND
Methylene chloride	ND ND	ND ND	ND .	ND	ND						
rans-1,2-Dichloroethene		ND ND	ND	ND ND	ND	ND	ND	- ND	ND	ND	15,000 J
Methyl tert-Butyl other 1.1-Dichloroothane	41,000 J NO	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND_
	ND ND	ND ND	ND	ND	ND	ND	ND ·	ND	ND	ND	ND D
ds-1,2-Dichloroethene	ND.	ND ND	450,000	ND ND	35,000 J	ND	ND	ND	· ND	ND	ND
2-Butanone	ND ND	ND ND	ND	ND	ND	ND	ND	ND	NO	ND	ND D
Bromochloromethane			ND	ND ND	ND	ND -	ND	ND	ND	ND	17,000 J
Chloroform	130,000	ND	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND .	ND
, I, I-Trichloroethane	ND	ND ND	ND ND	ND ND	D CON	ND	ND	ND	ND	ND	65,000
Cyclobe zane	ND		ND ND	D CON	ND ND	ND ND	ND	ND	ND	ND	ND
Carbon Tetrachioride	ND	ND	ND ON	מא	ND ND	ND ND	ND ND	- ND	ND	ND	9,000 J
Benzene	85,000 1	ND	ND ON	ND ND	ND ND	ND	ND .	ND	ND	ND	ND
1,2-Dichloroethane	מא	מא	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND
I,4-Dioxane	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND
Methylcyclohexane	140,000	ND	ND ND	ND -	ND ND	ND ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND ND	ND ND	ND ND	ND -	ND	ND ND	ND.	ND	ND	ND
Bromodichloromethane	ND		ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND
cis-L3-Dichloropropene	ND .	ND .		ND ND	ND	ND	350,000	ND	ND	ЙD	ND
4-Methyl-2-pentanone	ND	ND	ND	ND ND		15,000 J	140,000	730,000	ND	200,000	1,300,000 E
Toluene	1,600,000	57,000 J	340,000	ND ND	160,000 ND	ND ND	ND	ND	ND	ND	ND :
trans-1,3-Dichloropropene	ND	מא	ND .	ND ND	ND ND	ND -	ND	ND -	ND ND	ND	ND
1,1,2-Trichloroethane	ND	ND	מא	ND ND	ND :	ND	ND	ND	ND	ND	סא
Tetrachiomethene (PCE)	ND	ND	- טא	ND -	סא	ND ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND ND	ND ND	ND ND	סא	ND ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND			ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND
2-Dibromoethane	ND	ND ND	ND ND	ND	ND ND	ND D	ND ND	ND ON	ND	ND	ND
Chlorobenzene	46,000 J	ND		ND ND	33,000 J	81,000	340,000	49,000	20,000 J	3200,000 E	3,400,000 E
Bhybenzene	83,000,000 K	2,900,000	1,500,000		82,000	110,000	1,100,000 E	91,000	R1.000	8.000,000 R	8,700,000 E
m.p-Xylene	250,000,000 E	13,000,000 K	5,600,000 k	88,000 J	26,000	49,000	280,000	130,000	31,000	6,100,000 E	6,500,000 Y
o-Xytene	160'000'000 F	K,400,000 IS	1,900,000	39,000 J ND	ND ND	ND ND	110,000	\$700,000 E	12,000 J	430,000	מא
Styrene	ND	ND ND	\$,300,000 E	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND
Bromoform	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	360,000	97,000
sop ropy the sizene	1,200,000	ND.	58,000 J	ND ND	ND UND	ND ND	ND ND	ND -	- CA	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND .		עא .	ND ND	ND ND	מא	ND	ND	ND
1,3-Dichlorobenzene	ND	ND .	ND	ND ND	ND ND	ND D	ND ND	ND -	ND ND	ND ND	ND
,4-Dichlorobenzene	ND	ND	ND	ND	ND ND	מא	ND ND	ND	ND	ND	ND
,2-Dichlorobenzene	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	NO NO	ND ND	ND
,2-Dibromo-3-chloropopare	ND	ND	- ND	ND		ND ND	ND ND	ND ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	NO	ND .	ΝD
2.3-Trichlorobenzene	ND	ND	400 X DF	400 X DF	ND 100 X DP	100 X DF	100 X DF				

Notes:
All results are pretiminary and have not gone through any data review or validation process. Detected concentrations are Boldad.
B. Sample concentrations are secret the upper level of the calibration range.
J. Indicates the reported value is an estimate.
ND - Indicates the maybe was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1 Preliminary Analytical Det a Summary Table - TCL VOCa Superior Barrel and Drum Site September 2013

RST I Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-D\V-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-I	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	BAZWJ	BOAG9	BAZW4	BAZW7	BAZW6	BA7X4	BAZX0	BAZYI	BAZX2	BA7X7	BAZRT
Ares	Ares02	Ares02	Ares02	Ares02	Ares02	Ares02	Ares02	Arre02	Ares02	Ares02	Ares02
Sempling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/lag)	Liquid Weste (ug/kg)	Liquid Wests (ug/kg)	[Jquld Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	J.lquid Weste (ug/kg
Dichloredifluoromethane	ND		ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	
Chloromethane	ND	ND	QN	ND	ND	ND	ND	ND	ND ON	ND ND	ND
Vinyl Chloride	ND	QN	ND.	ND	ND	ND	ND	D D	ND -	ND ND	ND
Bromomethane	ND	ND.	ND	ND	ND	ND	ND	ND D	ND -	ND ND	ND.
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ЙĎ	ND	ND D	ND ND
Trichlorofluoromethane	ND	ND	NP	ND	ND	ND	ND	QN	קא	ND ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	סא	ND	ND	ND ND	ND ND	ND	ND.
1.1.2-Trichlorg-1.2.2-trifluomethyne	ND	ND	ND	ND	סא	ND	ND	ND D	ND .	ND	מא
Acctong	230,000	ND	ND	ND	ND	2.100.000	ND .	. 550,000	D D		ND
Carton disulfide	ND	ND	ND	ND	DΩ	ND	ND	D		D D	<u> D</u>
Methol acetate	ND	מא	ND	ND	D	ND	ND ND	ND D		ND	ND
Methylene chloride	ND	ND	ND	ND	ND D	ND	ND .	200.000	<u>ND</u>	ND	ND
trans-1,2-Dichloroethene	ND.	ND	ND	ND	ND ND	ND ND	ND .	16,000 1	ND DN	ND	ND.
Methyl tert-Buryl ether	ND	ND	ND	ND	13,000 J	- RD D	UND.	140,000	ND ND	ND ND	ND
1,1-Dichloroethme	ND	ND	ND	ND	ND ND	ND	. טא			DO	ND
cis-1,2-Dichlomethere	ND	DИ	ND	ND	ND D	ND ND	ND ND	ND ND	ND ND	ND	ND
2-Butunone	ND	ND	ND	ND	ND	8.700.000 E	ND ND			ND	ND
Bromochloromethane	ND	'ND	ND	D D	ND ND	ND	ND.	15.000.000 E	ND	ND	ND.
Chloroform	ND	ND	ND.	ND ND	ND ND	ND ND	- קא	מא	ND	ND ND	ND
1.1.1-Trichloroethane	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND ND	מא	12,000 4	76,000		ND.	ND	ND	DN
Carton Tetrachloride	ND	ND	ND	ND ND	ND ND	/6JR/U D	ND	ND	ND	ND	ND
Benzene	ND	ND	ND ND	ND	D D	ND ND	מא	ND	ND .	ND	ND
1,2-Dichloroethane	ND	NP	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
1.4-Dioxane	ND	ND	ND	ND	D D	ND ND	ND.	ND	ND	ND	ND
Trichlomethene (ICE)	ND	NP.	ND	ND	D	2,200,000 E	ND	ND	ND	ND	ND
Methylcyclobeume	ND	ND ND	ND	ND ND	ND ND		ND	ND	ND	ND	מא
1,2-Dichlorogropane	ND.	ND ND	- ND	ND ND		ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND.	ND ND	ND	ND ND	ND	ND	ND	ND.	ND	ND	ND
cis-1.3-Dichlorotronene	ND.	ND D	מא	ND ND	ND ND	ND	ND	ND	ND	ND	ND .
4-Methyl-2-permanone	ND ND	ND ND	ND	D D		ND	ND	ND D	ND	ND	ND
Tohene	14,000 J	250,000	13,000 J	\$3,000	D D	ND	ND	ND	ND .	ND	, ND
pany 1,3 Dichlaropropene	ND	ND ND	ND	ND ND	1,600,000 E	6,400,000 E	ND ND	3,300,000 E	ND	4,400	230,000
1,1,2-Trichlomethane	ND	- ND	ND D	ND	ND	ND ND	ND_		ND	ND	. ND.
Tetrachloroethene (FCE)	ND	ND	ND		ND	ND	ND	ND	ND.	ND	ND
2-Hexanone	ND	ND ND	ND	ND UD	ND ND	49,000	ND	ND	ND	ND	300,000
Di bromochlo romethane	ND ND	UN UN	ND.	ND ND	ND ND	ND ND	ND	ND	D	ND	ND
1,2-Dibromoethine	ND ND	NP	ND ND	<u> </u>	ND.	ND ND	ND	NP	ND	ND .	ND
Chlorobenzene	ND ND	ND QN	ND ND	םא	ND	ND	ND	ND	ND	ND	ND
Ethylberrene	ND ND	1,200,000 K	197000 J	ND ND	ND Alexan	ND	ND	ND	ND	ND	ND
n.p-Xylene	ND ON	4.300.000 K		ND	42,000	1,400,000	DD	6,100,000 E	ND	1,100	ND
o-Xylene	ND ND	2,100,000 R	77,000 30,000	21,000 1	150,000	4,600,000 P	מא	14,000,000 F	ND	3,200	ND
Styrene	110,000	ND ND	ND ND	ND ND	49,000	1,900,000 R	NP	6.300.000 E	ND	J,200	ND
Bromoform	ND I	ND ON	- DD		43,000	14,000,000 J.	ND	ND	ND	16,000	ND
Isopropyflerizene	ND ND	20,000 4	13,000 J	ND	ND	םא	ND	ND	ND	םא	. ND
1.J.2.2-Tetrachlomethane	QN -	ADAMA T		D D	14,000 1	בא	ND .	160,000	ND	QN_	ND
1.3-Dichlorotenzene	ND ON	םא	ND ND	ND.	ND ND	ND	מא	ND	ND	ND	ND
L4-Dichbrobenzene	ND ND	ND D	ND ND	ND	ND	ND	, D	מא	ND	ND	ND
1.2-Dichlyrotenzene	ND ND		ND	ND	ND	ND	מא	19,000 J	L100	ΝĎ	ND
	ND UND	ND	NP_	ND	ND	ND	ND	26,000 J	430 J	מא	ND
1,2-Dibroms-3-chloropropane 1,2,4-Trichlorobenzene	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ЙĎ	ND
1,2,3-Trichlombenzene		ND	ND	ND	ND	ND	מע	ND	900	ND D	ND
A TO THE CONTRACTOR	I ND I	ND	ND	ND	ND	ND	ND	ND	290 J	ND	ND

Notes:

All reads are preliminary and have not gone through any data review or validation process. Described concentrations are Bodded.

B. Sample concentrations exceed the upper level of the calibration range.

J. Indicates the reported value is an estimate.

ND - Indicates the analyse was analyzed for but not detected.

DF - Dilution Factor

NA - Not Applicable

Table (Preliminary Analytical Pete Summary Table - TCL VOCs Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-DW-2065-I	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	BAZXB	BAZX5	BAZR8	BAZW9	BAZX6	BAZXO	BAZR9	BAZXI	BAZYO	BB007	BB008
V:es	Arcs02	Ares02	Ares02	Ares02	Ares02	Ares01	Ares02	Ares03	Ares02	Ares01	Are=01
Sempling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Weste (ug/kg)	Liquid Wasta (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/lug)	Liquid Weste (og/kg)	Sludge Weste (ug/kg)	Liquid Weste (og/kg)	Liquid Weste (ug/le
Dichlorodi (luoromethane	ND	ND	- ND	ND	ND.						
Chloromethane	ND ND	ND	ND	ND	ND:	ND	ND	NO	ND	ND	ND
/inst Chloride	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
kromomethane	ND	ND ND	ND	ND ON	ND.	ND	ND	ND	ND	NO	ND
hisroethare	ND ND	ND ND	ND	ND	ND ND	ND.	ND	ND	ND	ND.	ND
richlorofluoromethane	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND OK	ND
-Dichloroethene	ND -	ND ·	ND	ND	ND ND	ND	ND:	מא	ND	שא	ND
1,2-Trichloro-1,2,2-trifluoroethane	ND ND	ND	ND	ND	ND	ND ND	ND	ND OT	ND	ND	ND
cetone	1,400,000	ND ND	940,000	ND	ND -	ND	1,600,000 E	1,100,000	ND	ND	ND
arbon dissifide		ND ND	ND	ND	ND	ND ND	ND ND	ND	ΝD	ND	ND
erbon dusti Bale lethyl noetale	םא סא	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND -	- ND	ND	ND
	14.000.000 E	ND ND	14,000 J	ND ND	ND ND	- סא	ND ND	ND	ND	ND	ND
let hylene chiloride				ND ND	ND ND	ND ·	ND ND	ND ND	- DND	ND	ND
ms-1,2-Dichlorcethene	ND	ND	ND .		ND ND	מא	אס אס	ND	ND	Nii	ND
lethyl test-Butyl ether	םא ס	ND THE	ND ND	ND ND	- ND	ND ND	ND ND	ND	ND -	80	ND
I-Dichloroethane	מא	ND	ND	ND .	ND	ND ND	ND ND	NO	ND	- 08	ND
s-1,2-Dichloroethene	ND ND	ND	ND				1.300.000	4600,000 E	ND ND	100	ND O
Butanone	16,000,000 E	ND	ND	ND	ND .	ND		ND ND	ND	ND	ND
romec hioromethane	T ND_	ND	ND	ND	ND	ND	ND		ND ND	ND ND	ND ND
iloroform	21,000 J	ND	ND	ND	ND	ND.	ND_	190,000	ND ND	40,000	48,000
,1-Trichloroethane	ND	ND		ND ND	35,000 J						
yelohe xane	, ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND
arbon Tetrachloride	ND	ND	ND	מא	ND	ND	ND	ND	ND	ND ND	100
enzene	מא	ND.	ND	. מא	מא	ND	ND	ND	100,000		
2-Dichloroethane	ND	ND	ND	ND)(D	ND	ND	ND	ND	ND	ND ND
4-Dioxane	מא	ND	ND	ND	ND	ND	מא	ND	ND	ND .	1,200,000 B
richloroethene (TCE)	ND	DA DA	ND	ND	ND	ND	1,700,000 E	ND	ND	1,900,000 E	
lei byle ye lohe xane	ND	ND	ND	ND	ND _	שא	ND	ND	ND	ND	ND _
2-Dichloropropane	ΝD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
romodichloromethane	CDA	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND ND
s-1,3-Dichloropropene	ND	ND	ND	ND	ND						
Methyl-2-pentanone	1,000,000	ND	ND	ND	ND	ND	ND	360,000	ND	ND	ND
duene	12,000,000 K	960,000	350,000	ND	ND	ND	1,700,000 K	10,000,000 E	730,000	3,700,000 E	4,200,000 K
ms-1,3 Dichloropropene	ND	ND	ND	ND	ND	ND	ND_	ND	ND	ND	ND_
1,2-Trichloroethane	ND	מא	ND	ND	ND D	ND	ND	ND D	ND	ND ND	
trachloroethene (PCE)	ND	ND	ND	ND	ND	ND	11,000	ND	ND_	ND	ND
Hesanone	ND	ND	ND	ND	ND						
bromochloromethane	ND	D)	ND	ND	Nii	ND	ND	ND	ND	ND	ND
2-Dibromoethane	ND	ND	ND	ND	ND	ЙĎ	ND	ND	ND	ND	ND
hlorobenzene	ND ND	ND .	ND	ND	ND	ND	ND	55,000	ND	ND TO	ND ND
hybergene	7,100,000 K	1,600,000	77,000	1,100	ND	1,200,000	40,000	11,000,000 F.	26,000,000 H	2,500,000 E	2,300,000 E
p-Xylene	20,000,000 E	6,800,000 E	200,000	3,600	ND	4700,000 E	150,000	14,000,000 1.	41,000,000 E	9,000,000 E	8,500,000 K
Xylene .	11'000'000 R	1200,000 E	61,000	1,300	ND	2.600,000 E	82,000	15,000,000 E	12,000,000 E	3,400,000 E	1,900,000 E
yrene	2,400,000 E	15,000,000 E	1,300,000 E	390 J	ND	6.800,000 E	250,000	ND	680,000	1,700,000 E	1,800,000 E
omoform	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND .
propylbensense	950,000	ND	NO	730 J	ÖK	350,000	28,000	390,000	980,000	89,000	83,000
2.2-Tetrachloroethane	ND ND	ND	ND	ND -	ND ND	ND ND	ND -	ND	ND	ND .	ND ND
	ND ND	ND	- ND	ND	D D	ND	ND	ND	ND	ND	מא
3-Dichlorobenzene	ND ND	ND -	ND	ND	ND ON	ND	ND	ND	ND	ND	ND
4-Dichlorobenzene		ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND	ND	ND
2-Dichkrobenzene	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND -	ND	ND	ND
2-Dibromo-3-chloropropane	ND			מא	ND OIN	ND ND	ND ND	ND	ND	ND	ND
2,4-Trichlorohenzene	ND	ND	ND			ND D	ND ND	ND ND	ND	ND	ND
2.1-Trichkorohenzene	ND	ND	ND	ND	ND	46 X DP	100 X DF	40 X DF	40 X DF	40 X DF	40 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are Bolded.

1- Sample concentrations are excell the upper level of the calibration range.

1- Indicates the reported value is an estimate.

ND - Indicates the analyte was analyzed for but not detected.

DF - Ditation Factor

NA - Not Applicable

Table | Preliminary Analytical Data Simmary Tuble - TCL, VOCs Superior Burrel and Drum Site Suptember 2013

	P001-DVV-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZNI	BAZN2	BAZNI
Area	Ares02	Ares02	Ares02	Area02	Ares02	Area02	Ares02	Ares04	Ares05	Ares05	Ares05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/17/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Weste (ug/lig)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Wasts (ug/kg)	Liquid Weste (og/kg)	Liquid Wests (ug/kg)	
Dichlorodifluoromethane	GN	ND	ND	ND	ND	ND .	ND				Liquid Waste (ug/kg)
Chloromethane	ND	ND	ND	ND	ND	QN CN	ND	ND	D D	ND	מא
Vinyl Chloride	ND .	ND	ND	ND ND	ND	- מא	מא	ND ND	ND ND	ND	ND
Bromomethane	ND	ND	ND	ND ND	ND	D D	ND	D D	ND ND	ND.	ND
Chloroethyne	ND	ND	ND	ND	D D	ND	ND	ND ND	ND ND	ND ND	4,100
Lifehlom thom methane	ND	ND	ND	ND	ИD	ND	ND	ND D	ND ND		ND
1.1-Dichlomethene	ND	ND	ND	ND	ND	ND	ND	ND	שא	ND ND	ND
1.1.2-Trichloro-1.2.2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND			ND
Accione	ND	160,000	330,000	ND	D	ND	ND	D D	ND	ND	ND
Carbon displifide	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND	3,000 J
Methyl poetate	ND	ND	ND .	ND	ND	QN GN	ND ND	ND ND	ND ND	ND tea sea ti	ND
Methylene ebloride	ND	ND	ND	ND	ND	ND	NP.	ND ON		150,000 K	47,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
Methyl tert-Buryl ether	ND	ND	ND.	100,000	ND	ND ND	ND	ND ND		ND	ND
Dichloroethane	ND	_ ND	ND	ND ND	קא סא	ND D	ND ND	ND ND	1,000,000 E	190,000 K	75,000
cis-1,2-Dichlomethene	ND	ND	ND	ND	מא	D D	ND	ND -	ND ND	ND	D D
2-Butmone	ND	ND	750,000	ND	ND D	ND	ND ND	ND ND		ND	םא
Bromochlorometrane	ND	ND	ND	ND	- ND	ND			ND	7,300,000 10	30,000
Chloroform	51,000	ND	57,000	ND	ND D	ND	ND ND	ND ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	NP	ND	ND ND	ND			ND	ND	מא
Cyclobexage	ND	ND	ND	ND	ND	ND D	ND ND	ND	D	ND	2,500 J
Carbon Tetrachloride	ND	ND	ND	ND	D D	ND	ND ND	ND	1,700,000 F.	26.000	130,000 E
Henzene	ND	ND	ND	ND	20,000 J	ND D	ND ND	ND	ND	D D	סא
1,2-Dichloroethme	ND	ND	ND ND	ND ND	ND ND	D D	ND ND	ND	79,000	11,000	2,900
A-Dioxane	ND	ND	ND	ND	ND.	ND ND	ND ND	ND ND	ND	D	3,800
Trichlomethene (TCE)	ND	ND	ND	ND	31,000 J	ND ND			ND	ND	ND
Methylcycloherane	ND	ND	ND	ND D	ND	ND ND	ND	ND	ND	ND	001.£
1,2-Dichbropropane	ND	ND	ND	ND	ND	ND	ND	ND	190,000 1/.	18,000	8,200
Bromodichloromethane	ND	ND	ND	ND ND	ND ND	ND	ND.	ND	ND	2,500	4,500
cis-1.3-Dic Noropropene	24,000 J	ND	ND	ND	ND -	ND ND	ND.	ND	ND	ND	24,000
4-Methyl-2-permanone	290,000	ND	ND	ND	ND	ND ND	ND	ND	ND	ND D	1,800.1
Tolume	2,100,000 E	44,000	1,900,000 K	260,000	300,000	31,000	ND	ND	МD	QN	170,000
pans-1,3-Dichluropropere	ND	ND ND	ND	ND	ND	ND .	28,000 .1	ND	1.600,000 F	1,400,000 K	790,000 E
1,1,2-Triebloroethane	ND	ND ND	ND	ND D	ND ND	ND ON	ND ND	ND	ND	ND	2,500
Tetrachlomethene (PCE)	ND	ND	ND ND	ND	ND	ND ND	D D	ND	ND	מא	1,500 J
2-Hexanone	ND	ND -	ND	. ND	ND -	ND ND	ND.	ND	ND	DД	ND
Di promochio romettene	ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND	D D	25,000
1,2-Dibromoethme	ND	ND	ND	ND	ND ND	ND ND	<u>קא</u>	ND .	ND	DM	ND
Chlorobenzene	ND	ND	D D	ND	ND .	ND ND	ND ND	ND	840.000 E	ND	24,000
	13,000,000 E	230,000	9.400,000 E	2,500,000 E	6,800,000 F.	150,000		ND	ND QN	ND D	J.300 J
	11/00/000 E	950,000	15'000'000 E	10,000,000 E	18.000.000 E		150,000	20,000 2	260,000 F	140,000 F.	9,400
	16,000,000 E	370,000	12,000,000 E	4,600,000 E	11,000,000 E	430,000 220,000	640,000	55,000	750,000 E	1,500,000 E	31,000
Styrene	ND	22,000 J	3,900,000 F	ND ND	ND ND	78,000	260,000	19,000 J	310,000 E	600,000);	9,200
Втотоботт	ND	ND ND	ND ND	ND	ND ND	ND ND	4,300,000 E	41,000	ДŊ	מא	ND
Isopropythenzene	750,000	ND	350,000	45,000	180,000	ND ND	ND	ND ND	ND	D D	ND
1,1,2,2-Tetrachlorocthane	ND	ND ND	ND I	ND	NP.		37,000 1	ND	14,000	130,000 K	1,600 1
1,3-Dichlurobenzene	ND D	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND QN	ND	1,500
1.4-Dichimotenzene	ND.	D D	ND ND	ND UN		ND	ND	ND	ND ND	ND	ND
1,2-Diehlorobervene	ND I	ND D	ND ND	ND ND	ND_	ND ND	ND ND	ND	ND.	ND	ND
1.2-Dibromo-3-chloropropane	ND I	- ND	ND ND	ND ND	ND ND	ND ND	ND	ND	AD.	ND	ND
1,2,4-Trichlorohenzene	ND D	ND D	D D		ND	ND_	ND T	ND.	ND	ND	1,400 J
	ND D	ND D	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND	מא	ND
1,2,3-Trichlorobenzene						ND T	ND T	ND	ND T	ND CIN	ND

Motes:

All results are preliminary and have not gone through any data review or validation process. Detected concentrations are Bolded.

B- Sample concentrations are second the upper level of the calibration range.

J- toticates the reported value is an estimate.

ND - Indicates the supporte was analyzed for but not detected.

DF - Dilation Factor

NA - Not Applicable

Table 1 Preliminary Analytical Data Summary Table - TCL, VOCa Superior Barrel and Drum Site September 2013

RST 2 Secuple ID	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sumple ID	BAZN4	BAZN5	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BA7P1	BAZP9	BAZQ0	BA7P2
Area	Aren05	Ares05	Area05	Ares05	Ares05	Ares05	Arcs05	Ares06	Ares06	Ares06	Ares06
Sampling Date	9/LB/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/lq)	Liquid Weste (ug/leg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Weste (ug/kg
Dichorodiflooromethane	T ND	מא	ND	ND	מא	ND	מא	מא	ND		NO
Chloromethane	NĎ	מא	ND	ND	ND	ND	סא	ND	ND	ND	ND
Vinyl Chloride	ND	מא	NO	ND	ND	ND	ND	ND ON	ND	ND	ND
Bromomethane	ND	ND	ND	ИD	ND	ND	ND	ND	ND	D GN	ND
Chloroethane	ND	סא	ND.	D D	ND.	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	סא	ND	- ND	ND	ND	ND	ND	ND	NO	ND
,1-Dichloroetheae	ND.	ND	ND	מא	ND	ND	ND	ND	ND	ND _	ND
1,1,2-Trichloro-1,2,2-trifluomethane	ND	ND OK	ND	ND	ND	ND ND	מא	ND	ND	ND	ND
Acetone	ND	מא	ND	D	ND	ND	3500 J	ND	ИD	ND	ND
Carbon dissifide	ND	ŃD	ND	ND	ND	ND	ND	ND	ND	ND	ND
Met by acetate	ND	ND	610,000	780,000 E	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	- ND	ND	ND	ND D	ND ND	D D	ND	ND	ND	ND	ND
raps-1.2 Dichloroethene	- ND	ND	ND	ND	ND	ND	ND ON	ND	ND	ND	ND
Methyl tert-Butyl ether	1,200 J	3700	ND .	NO	ND	41,000	ND	ND	עא	ND	ND
I.1-Dichloroethane	ND ND	ND ND	ND	ND	ND	ND ND	מא	ND ND	ND	ΝD	ND
3-12-Dichlorvethene	ND	ND	ND	ND	ND.	ND	ND ND	ND .	ND.	ND	לא
2-Butenone	ND ND	240,000 E	ND	ND	ND ND	ND	ND	ND	ND.	ND	- ND
Bromochloromethane	ND	ND ND	ND	ND	- ND	ND	ND	ND	ND	ND D	ND
hkroken	ND	ND	ND.	ND	ND	ND	ND ND	ND	ND	ND	ND "
.1,1-Trichtoroethane	ND	ND	ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND.
yelohe xune	ND	150,000 E	ND	ND ND	ND ND	220,000 E	ND ND	ND	ND .	ND	ND
arbon Tetrachloride	ND	ND ND	ND	ND ND	ND	ND	ND	· ND	ND ND	ND	ND
Senzene	ND ND	46,000	ND OK	ND	ND.	80,000	ND ND	- ND	700	ND ND	מא
2-Dichloroethane	ND ON	ND ND	ND ND	ND ND	ND ND	ND	ND ND		ND	ND	ND T
A-Discane	ND ND	ND ON	ND ND	ND	ND ND	ND	ND	- <u>ND</u> .	ND .	ND	ND
Trichloroethene (TCE)	ND -	סא	ND ON	ND	ND	ND	ND ND	- ND	ND	ND ND	ND
Methylcyclohexane	ND ND	540,000 E	ND ND	ND	ND ND	650,000 K	ХD	ND	ND .	ND	ND
2-Dichioropropane	ND ND	ND ND	ND ND	ND	ND	ND ND	OK	ND	ND	ND	ND
Bromodichloromethane	ND ON	ND	ND ND	ND	ND OX	ND	ND	ND	ND .	ND	ND
is-13-Dichlorypropene	ND ND	- מא	ND ND	ND THE	ND ND	ND	ND	ND	ND	ND ND	ND
-Methyl-2-pentanone	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND.	ND	ND	ND
Folume	130,000 E	440,000 E	ND ND	ND ND	ND ON	390,000 E	50,000	ND ND	ND	160,000	ND
	ND ND	WD .	ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND .	ND
rans 1,3 Dichloropropene	ND ND	ND ND	ND ND	ND	ND 088	ND	ND .	ND	ND	ND .	ND
,1,2-Trichloroethane	ND ON	ND ND	ND ND	ND ND	מא	ND	ND	ND ND	ND	ND ND	ND
etrachlorvethene (PCE)						ND UND	ND ND	ND ND	ND ND	ND D	ND
Hexanone	ND	ND Vin	ND VD	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND
Dibromochloromethane	D D	ND ND	ND ND	ND ND	מא	<u> </u>	ND	ND	ND ND	ND	, MD
		עוא	ND ND	ND ND	מא	ND ND	ND ND	ND	ND	ND	- ND
hlorohenzene	ND				מא	290,000 K	ND ND	ND ON	ND	ND	140,000
Rhybenzene	1,900 J	320,000 E	ND ND	ND ND	ND CON		ND	ND	ND	ND	200,000
n.p-Xylene	7,700	920,000 E	ND ND	ND	ND ND	870,000 E	ND ND	ND -	ND	NO	40,000 J
-Xylene	2,500	630,000 E	ND ND	ND ND	D D D	570,000 E 35,000	ND	ND	ND ND	160,000	סא
утеле	ND	ND.					ND	ND	ND ND	ND ND	ND ND
romoform	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND
opropylbenzene	ND	150,000 E	ND	ND	מא	180'000 R	ND	ND ND	ND ND	ND ND	ND ND
1,2,2-Tetrachloroethane	ND ND	מא	מא	ND	ND	ND			ND ND	ND ND	ND
J-Dichlorobenzene	ND	<u> </u>	ND	ND	ND	ND	ND	ND		ND ND	- סא
4-Dichlorobenzene	ND	, KD	מא	ND	ND	ND	ND	ND	ND	ND -	ND ND
,2-Dichlorobenzene	ND	ND	ÜN	ND	ND						
,2-Dibromo-3-chloropropane	ND	Nto	NO	ND	, ND	ND	ND.	ND	ND	ND ND	
,2,4-Trichlorobenzene	ND	ND	ÜЙ	ND	ND	ND .	ND	ND	ND	ND ND	עא ע עא
2.3 Trichlorobenzene	ND	ND.	NO	ND	ЙD	מא	ND	סא	400 X DF	U	400 X DF

4.1 14.1

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are Bolded.

B. Sample concentrations exceed the upper level of the calibration range.

J. Indicates the reported value is an estimate.

ND - Indicates the analyse was analyzed for but not detected.

DF - Dilution Factor

NA - Not Applicable

Table I Preliminary Analytical Dut a Summury Table - TCL VOCa Superior Barrel and Dram Site September 2013

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6031-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-1	P001-S-2001-1	P001-S-2002-1	P001-8-2003-1	P001-5-3001-1
CLP Semple ID	BAZP3	BA77P4	BAZPS	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BR000	BAZRO
Area	Ares06	Ares06	Area06	Ares06	Ares06	Ares06	Ares06	Ares02	Ares02	Ares02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	(gAge) state (blup!	Liquid Weste (cg/kg)	Liquid Weste (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (og/ig)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Soil (og/kg)	Soil (ug/kg)	Soll (ng/kg)	Soil (ug/kg)
Diehlorodifluoromethene	ND	ИD	ND	ND .	ND	ND	ND	ND	ND	ND	ND
Chloromethene	ND	ND	ND	ND	ND	ND	ND _	ND	DИD	ND .	ND ND
Vinvl Chloride	ND	DD	ND	ND	ND	ND	NP.	QN	ND THE	ND	ND
Bromomethane	ND	ND	ND	ND.	ND.	QN	ND.	ND	ND	ND	ďИ
Chlorocthyre Trichlorofluoromethane	ND ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ИD
1.1-Dichtyrettene	ND ND	<u>מא</u>	ND	ND	ND.	ND	ND	ND	, D	ND	ND
1.1.2.Trichloro-1.2.2-trifluorrethane	ND D	ND ON	ND ND	ND	ND	ND	ND	ND	ND .	ND	ND
Acesone	600,000	ND ON	ND	ND ND	ND	ND	ND	ND	ND	ND	םא
Carbun dissifide	ND	ND	ND ND	ND ND	QN QN	590,000	380,000	ND	n	1,200 F.	230
Methyl aceuse	ND ND	ND	ND ND	ND ND	ND ND	ND ND	NP.	ND	ND	ND	ND
Methylene chloride	ND	ND ND	ND ND	NP.	ND UND	ND ND	ND ND	ND ND	ND	65	9.4
trans-1,2-Dichloroethene	ND	ND	ND ND	ND ND	D D	ND ND	ND.	ND	ND	ND	ND.
Methyl Jert-Dutyl ether	ND	ND ND	ND ND	ND ND	ND D	ND GN	ND ND	ND ND	ND.	ND	ND
1,1-Dichloroethune	ND	ND	ND QN	NP NP	ND D	ND ND		ND.	ND	ND	ND
cis-1,2-Dichloroethene	ND ND	ND	ND ND	ND ND	עא	- UND	ND ND	ND ND	ND.	ND	ND
2-Butamone	ND	ND	. ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	מא
Bromochloromethane	ND	ND	ND ND	ND ND	D D	ND ND	ND -		ND	69	39
Chloroform	ND	ND	980	ND ND	ND.	ND ND	D	ND ND	ND	ND	ND.
1.1.1-Trichloroethane	ND	ND	ND ND	ND -	D D	ND D	ND.		ND	ND	ND
Cyclobexane	ND	ND.	ND	ND ND	מא	ND -	ND ND	ND ND	ND	מא	ND
Carbon Tetrachioride	ND	ND	ND	ND	ND ND	ND ND	ND UN		ND	ND	ND
Benzene	ND	ND	ND	ND ND	- du	- ND	ND ND	ND ND	ND ND	ND ND	QN
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND ND	ND	ND	ND.	19.1	ND
1.4-Dioxane	ND	ND	DN	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND
Trichlomethene (TCE)	ND	ND	מא	ND	ND	ND ND	ND ND	ND	ND		ND
Methylcyclyhexane	ND	ND	ND	ND	ND	ND	ND ND	ND ND	NP NP	ND ND	ND
1,2-Dichloropropene	ND	ND	. ND	ND	ND.	ND	ND	ND D	ND D	ND GN	NP
Brosnodichloromethane	ND.	ND	ND	, D	ND ND	ND	ND .	D D	ND ND	ND D	ND ND
cis-1.3-Dichloropropene	ND	NP	ND	מא	ND	ND	ND	ND D	ND ND	ND QK	ND
4-Methyl-2-pentmone	ND	NP	ND	ND	ND ND	ND	ND	ND	ND .	ND QK	ND
Toluene	ND	240 J	ND	42,000 1	ND	860,000	790,000	280	ND	8.0	ND ND
pgns-1,3-Dichloropropene	ND	ND	ND.	ND	ND	ND .	ND	ND ND	ND ND	ND ND	ND
1.1.2-Trichlomethme	ND	ND ND	ND	ND	ND	ND	ЙD	ND	ND -	ND	ND ND
Tetrachlomethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND
2-Hexamone	ND	ND	ND.	ND	ND	ND	, D	ND	ND	23	ND ND
Di promochlo romethane	ND	NR NR	ND.	ND	ND	ND	ND	ND D	ND .	ND	ND
2-Dibromoethane	ND	ND	ND	ND.	ND	ND	ND	מא	ND	ND ND	ND
Chlorobenzene	םאָ	ND	ND	ND	ND	ND	NP	ÚЙ	ND	ND -	ND
Ethyltenzene	ND	ND	ND	62,000 J	מא	800,000	680,000	ND.	ND	5.4	ND ND
m.p-Xylene	120,000	200 J	ИD	160,000	J60 J	2,200,000 E	J,700,000 J;	300	ND	40.1	ND
o-Xytene	ND	ND	ND	45,000 J	ND	420,000	320,000	140 J	ND	13	ND
Styrene	ND	ND	DM	ND	ND	47,000	22,000 .1	130 J	ND	2,200 E	ND
Bromoform	ND_	מא	ND	ND	ИĎ	ND .	ND	ND	ND ND	NP.	ND
Isopropythenzene	ND	מא	מא	ND	ND ND	28,000 J	21,000 .1	QN	ND	NP NP	ND
1,1,2,2-Tetrachlomethane	ND	ND	ND	ND	ND	ND	D	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	, ND	ND	ND	ND D	ND
1.4 Dichlorohenzepe	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND .	ND ND
1,2-Dichlorobenzene	D	ND	ND	מא	ND	ND	NP.	ND	ND	ND .	ND.
1,2-Dibromo-3-chloropropure	ND	ND	ND	ND	ND	ND	מא	ND	ЙD	ND	ND ND
,2,4-Trichlorotenzene	ND	ND	ND	QИ	ND	ND	ND.	ND	ND	ND	ND ND
1,2,3-Trichlorobenzene	ND	ND	ND ND	ND	ND	ND	ND	ND	. ND	ND	ND ND

Motes:
All results are presiminary and have not gone through any data review or validation process. Detected concentrations are Bulderd.
B- Sample concentrations exceed the upper level of the calibration range.
J- indicates the reported varies is an estimate.
ND - indicates the analyse was analyzed for but not detected.
DP - Dibation Factor
NA - Not Applicable

Preliminary Analytical Data Summary Table - TCL VOCa Superior Barrel and Drum Site Superior 2013

RST 2 Sample ID	P001-S-3001-2	P001-S-3003-1	P001-S-3003-1	P001-S-3004-1	P001-8-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	BAZRI	BAZR2	BA7R3	BAZZO	DAZYY	BOALO	BQAK4	BOAK9	BOAKS	BOAKS	BQAK7
Агея	Ares03	Ares03	Area03	Ares03	Arcs03	Arcs0)	Ares03	Ares03	Ares03	Ares03	Ares03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Sell (ug/kg)	Soli (ug/kg)	Soll (ug/kg)	Sell (ug/kg)	Soll (ug/kg)	800 (ng/kg)	Soil (ug/kg)	Soil (ug/kg)	Soli (ng/kg)	Soll (4g/kg)	Sall (eg/kg)
Dichlorodi@soromethane	ND	ND	ND	ND	ND	ND	ON	ND	ND	ם א	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11
Vinyl Chloride	ИD	ND	ND	ND	ND	ND	ND	ND	ND	MD	ND ND
Bronzomethane	מא	ND	NĎ	ND	ND	ND	ND	ND	ND	ND	ND ND
Chloroethane	ND	T ND	ND	- ND	מא	ND	מא	UND	ND	ND	ND
Trichlorofluoromethane	ND CN	ND	ND	ND	ND	ND	ND	ΝĎ	ND .	ND ND	ND ND
1,1-Dichloroethene	מא	ND	ND	ND	מא	ND	ND	ND.	ND	ND -	ND ND
1,1,2-Trichloro-1,2,2-trifluoryethane	ND	ND	ND	ND	ND	ND_	ND	ND	ND	17 17	930 K
Acetone	280	79	330	41	ND	ND	130	110	ND	ND ND	ND ND
Carbon disulfide	ND	ND	ND	סא	ND	ND	ND	ND	ND ND	ND D	ND ND
Methyl acetate	15	ND_	29	ND	ND	שא	ND ND	20	ND ND	ND ND	- סא
Methylene chloride	ND	ND	ND	. D	ND	ND .	ND	ND	ND ND	ND ND	ND ND
trans-1,1-Dichloroethene	ND	ND	ND	ND	ND	Nn -	ND	ND ND	ND -	ND ND	83
Methyl tert-Butyl ether	ND	ND	ND	ND .	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -
1, L-Dichloroethane	ND	מא	ND	ND	ND .			מא סא	ND ND	ND CON	ND -
cis-1,2-Dichlomethene	ND	ND	ND	ND	ND D	ND	RO J	ND	ND ND	ND ND	150
2-Butanone	31	24	39	ND	ND	ND		ND ND	ND ND	ND	ND ND
Bromochloromethane	ND	ND	ND	ND	ND _	ND	MD D	ND ND	ND ND	ND -	ND TO
Chloroform	ND	ND	מא	ND	. NO	ND	ND .	ND ND	ND ND	ND	ND ND
1,1,1-Trichioroethane	ND	ND	ND .	ND	שא	ND		ND ND	ND ND	ND	ND -
Cyclohe xane	ND	ND	מא	ND	שא	ND ND	ND ND	ND ND	ND ND	ND ·	ND
Carbon Tetrachionide	ND	ND	ND	ND	ND	ND ND	ND ND	סא	ND	ND	10
Benzene	ND	ND	ND	ND	ND ND	ND ON	ND ND	ND	ND	ND	ND ON
1,2-Dichloroethane	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND NO	· ND
1,4-Dioxane	מא	ND.	ND	ND .	ND ND	ND ND	D GK	ND	ND	ND	מא
Trichlomethene (TCE)	ND	ND	ND	ND	ND TO	ND ND	ND ND	ND	ND	- DD	ND
Met byle ye lohexane	ΝD	ND_	ND ND	ND ND	ND DND	ND ND	ND	ND ND	ND	ND	ND
1,2-Dichloropropane	ND	ND			ND ND	ND ND	- ND	ND	ND ND	ND	ND
Bromodichloromethane	ND .	ND .	ND	ND ND	ND ND	ND ND	ND	ND ND	- ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND TO	ND ND	ND	ND ND	ND	UN	ND
4-Methyl-2-pentanone	ND_	ND THE	ND	ND ND	ND ND	93	- 112	7.9	39	ND	5,700 K
Toluene	ND	- ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND
trans-1,1-Dichloropropene	ND	ND THE	ND ND	ND ND	ND ND	ND	ND	ND	ND	מא	ND
1,1,2-Trichloroethane	ND ND	ND ND	ND	ND ND	D D	ND -	ND	ND	ND	ND	ND
Tetrachioroethene (PCE)		ND ND	16	ND ND	ND ON	ND	ND	ND	ND	ND	910 E
2-Heramone	ND ND	ND ON	ND	- ND	- ND	No	ND	ND	ND	ND	ND
Dibromochloromethane	ND ND	ND	ND D	ND	ND	ND	ND	ND	ND ND	ND	ND
1,2-Dibromoethane	ND ND	ND	ND	ND	ND	סא	ND				
Chlorobenzene Phytocozene	ND ND	ND	THE COM	ND	ND D	19	ND	3.6 J	10	סא	2,700 K
	ND	ND	ND	ND	1 10	31	ND	3.7 J	14	ND	1,400 E
m.p-Xytene o-Xytene	ND ND	ND ND	ND ND	ND	ND -	10	ND	2.8 J	7.7	ND	j,200 €
	ND ND	ND	ND	ND	מא	110	3.1	23	81	431	6,300 K
Styrene Bromo@rm	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND_
Isopropylbenzene	ND ND	ND	ND	ND ND	ND ND	ND	ND	מא	ND	ND	160
1.1.2.2-Tetrachloroethane	ND ND	ND	ND	ND ND	ND	ND	ND_	ND	ND	ND	ND
1.3-Dichlorobenzese	ND ND	ND	ND ND	ND ND	NO	ND	ND	ND	ND	ND	ND
1.4-Dichlorobenzene	ND ND	ND.	ND ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene 1,2-Dichlorobenzene	ND ND	ND D	ND ND	ND ON	ON ON	ND	ND	ND	ND	(וא	ND .
	ND ND	ND ND	ND ND	ND	NB T	ND	ND	ND	ND	ND	MD .
1,2-Dibromo-3-chloropropane	ND ND	ND	ND ND	ND	ND	QN D	ND	ND	ND	ND	- ND
1.2.4-Trichlorobenzene										ND	ND ND

Notes;
All results are pretiminary and have not good through any data review or validation process.
Detected concentrations are Bolded.
B. Sample concentrations are conduct the upper level of the calibration range.
J - Indicates the exported value is an estimate.
ND - Indicates the monity as analyzed for but not detected.
DP - Districts Factor
NA - Not Applicable

Tuble I Preliminary Analytical Data Simmary Table - TCL WIC Superior Berri and Drum Site September 2013

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	200 00000
CLP Sample 1D	BOAN6	BAZY8	BB001	BB002	BB003	BAZZI	BAZZZ	BAZZA	BAZZJ		P001-S-6001-1
Area	Area03	Area03	Area04	Ares04	Ares04	Ares05	Arre05	Ares05	Arm05	BA77.4	BAZR4
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	Arei05	Area06
Sample Matrix (Urds)	Soli (ug/kg)	Soli (ug/kg)	Soll (ug/kg)	Soil (ng/kg)	Soll (vg/kg)	Soil (ng/kg)				9/26/2013	9/20/2013
Dichloredifluoromethane	ND	מא	ND	ND ND	ND ND	ND Sout (mg/ndg)	Sell (ng/kg) ND	Roll (ug/kg)	Soil (ug/kg)	Soli (eg/kg)	Soil (ug/kg)
Chloromethane	ND	ND	ND	ND	ND -	ND -	ND ND	ND ND	ND ND	ND ND	מא
Vizyl Chloride	ND	ND	ND	ND	NP	ND	ND ND	D	D D	ND ND	ND ND
Bromomethane	. מא	ND	ДD	ND	NP.	ND	ND	ND	. ND	ND -	UND
Chloroethone	ND	ND	D D	DND	ND	ND	ND	ОN	ND	ND ND	ND
Inchlorofluoromethene I.1-Diehloroethene	D D	ND ND	ND	ND	ND	ND	ND	מא	ND	ND	ND
1,1,2-Trichlore-1,2,2-triffuoroethane	D D	QK QK	ND D	ND ND	ND	ND	מא	ND	ND	ND	ND
Accione	1,900 E	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND
Carton disulfide	ND	ND TO	ND ND	ND ND	ND D	ND ND	ND ND	ND	ND_	47	ND.
Methyl acetate	ND	ND	ND	ND	ND	ND D	ND ND	ND CH	ND ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND D	ND -	D D	ND ND	ND ND	ND ND	ND.
pans-1,2-Dichloroethene	ND ND	ND	ND	ND	ND	מא	ND	NP NP	ND DN	ND ND	ND ND
Methyl tert-Datyl ether	ND	ND	ND	ND	ND	שא	ND -	ND	ND ND	ND ND	ND ND
I, I-Dichloroethane	ДР	ND	ND	ND	ND.	מא	NP	ND	ND	ND ND	ND ND
cis-12-Dichlorvethene	ND	ND	ND	МD	ND	, ND	ND	ND	ND	ND -	ND ND
2-Butanong Bromochloromethang	660 E ND	ND	ND ND	, ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND D	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	,ND	ND
J.I.I-Trichlorpethane	ND	ND	NP	ND ND	ND_	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND ND	ND ON	. ND	ND ND	ND ND	ND	ND ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND D
Henzene	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND	ND
1,2-Dichloroethune	ND	ND	ND.	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND
A-Dioxane	ND	ND	ND	ND	ND	ND	ND	מא	ND ND	D D	ND ND
Trichlomethene (TCE)	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND D	ND ND
Methylcyclobexane	ND	ND	ND .	ND.	ND	ND	ND	ND	ND	ND.	ND ND
1,2-Dichloropropane Bromodichloromethane	ND ND	ND	ND.	ND	DN	ND	, ND	ND	ND	ND	ND ND
cis-1.3-Dichleropropene	ND	ND ND	D D D	ND	ND ND	ND	ND	ND	ND	. ND	ND
4-Methyl-2-removing	76	ND ND	ND ND	ND ND	ND ND	ND	ND	ND.	. ND	ND	NP NP
Toluene	- 51	ND ND	ND ND	מא	עא סא	ND ND	ND ND	ND.	ND	ND	ND
trans-1,3-Dichloropropene	. ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND ND
1.1.2-Trichlomethrine	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND	DИ
Tetrachloroethene (PCB)	ND	ND	,ND	ND .	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND
2-Heurone	ND	ND	מא	ND	ND .	ND	ND	ND	ND TO	ND D	ND -
Di bromochloromethane	ND	ND	ND	ND	ND	ND .	ND	ND .	ND	ND D	ND ND
1,2-Ditromoethme Chlorobenzene	ND ND	ND ND	פא	ND	ND	ND	ND	ND	, ND	ND	ND T
Bhybergere	\$7 J	3,i J	ND.	ND ND	ND	ND	ND	ND	DI	ND	ND -
m.p-Xylere	365	ND ND	D ND	QN	ND ND	ND	ND	ND T	ND	ND	ND
o-Xytene	2.4 J	- DA	D D	ND ND	ND	ND	ND	ND ND	ND	ND	ND
Sovene	200	60.1	16	ND ND	ND ND	ND ND	ND ND	ND VID	ND ND	D D	ND
Bromoform	ND	ND	ND.	ND	ND	ND ND	ND_	ND DA	ND ND	ND	ND ND
Isopropyllycorene	ND	. ND	ND	ND.	ND	ND	ND ND		ND ND	ND	ND ND
1.1.2.2-Terrachloroethane	DД	ND .	ND	ND	ND	ND	- מא	ND ND	ND ND	ND ND	ND ON
1,3-Dichlorobenzene	ND	ND	ND ND	ND	ND	ND.	ND	ND	ND ND	ND ND	ND ND
1.4-Dichlorohenzene	ND	ND.	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND
1,2-Dichlorohenzene	ND ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ON	ND ND
1,2-Dibromo-3-chloropropane	ND ND	ND	ND	ND	ND	ND	מא	תא	ND	ND	ND
1,2,3-Trichlorotenzene	ND ND	ND ND	ND ND	ND	ND	מא	מא	ND	ND	ND	ND
The street of th	no.		NH.	ND	ND	ND	DM	ND.	ND	ND	ND

Notes:
All residts are preliminary and have not gone through any data review or validation process. Detected concentrations are Bolded.

B. Somple concentrations a core did to upper level of the calibration range.

J. Indicates the reported value is an estimate.

ND - Indicates the ambyte was analyzed for but not detected.

DF - Dilution Factor

NA - Not Applicable

Table | Preliminary Analytical Data Summary Table - TCL VOCs Superior Barrel and Drum Site Suptember 2013

RST 2 Sample ID	P001-S-6003-1	P001-S-6003-1	P001-8-6004-1	P001-S-6005-1	P001-8-6005-2	P001-S-6006-1	P001-5-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7003-1	P001-S-7003-1
CLP Sample 1D	BAZR5	BAZR6	BA72.7	BAZY3	BAZY4	BAZZS	BA226	BAZY2	BAZY5	BAZY6	BAZY7
ra	. Area06	Arcs06	Arca06	Ares06	Ares06	Area06	Ares06	Ares06	Ares07	Ares07	Ares07
ampling Date	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
ample Matrix (Unit)	Soll (ug/kg)	Sail (ug/kg)	Soll (ug/kg)	Soli (ug/kg)	Soil (ug/kg)	Soll (ug/kg)	Soll (teg/kg)	Soil (ug/kg)	Soll (ug/kg)	Sall (ug/kg)	Soll (eg/kg)
Schlorodifluoromethane	ND	ND	ND -	ND	ND	ND	ND	ND	ND .	ND	ND CIN
Thloromethane	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	Nto
inyl Chloride	ND ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND
komomethane	ND	ND	ND .	ND D	ND	ND D	ND	ND	ND	ÜÜ	DN
hisroethane	ND	ND	ND.	ND	ND	ND	ND.	ND	ND	ND UN	ND
nchlorofivoromethane	ND	ND	ND	ND	ND	ND ND	ND	ND D	ND	ND	ND
I-Dichloroethene	ND ND	ND ND	ND	ND	ND	ND	- ND	ND	ND	סא	ND
1.2-Trichloro-1.2.2-trifluoroethane	ND ND	NO	ND	ND ND	ND	ND	ND	סא	ND	ND	ND
cetone	ND ND	66	ND	- ND	ND	ND	ND	600 E	ND	ND	ND
arbon disulfide	ND	ND .									
lethyl acetate	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND	ND
lethylene chlorida	ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND	ND	ND
ms-1,2-Dichloroethens	ND O	ND ND	ND ND	ND ND	ND	ND	ND	ND ND	ND	ND	ND
let by 1 text - But y 1 et her	ND ND	ND -	ND ND	ND ND	לא סא	ND	ND ND	ND	ND -	ND	ND
1-Dichloroethene	- ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	- ND	ND .	ND	ND
s-1.2-Dichlorvethene	ND ND	ND ND	ND ND	ND ND	- סא	ND	ND	ND ND	ND	ND	ND
-Butanone	ND .	47	ND	ND -	מא	ND	ND	ND	ND ND	ND	ND
romochloromethane	ND .	ND ND	ND	ND	D CIN	ND	ND ND	ND	ND	ND	ND
hloroform	ND	<u>84</u>	ND D	ND ND	ND	ND	ND	ND.	ND	ND	ND
	ND ND	ND ND	ND ON	ND ND	ND	ND ND	ND	ND	ND	ND	ND
I,I-Trichloroethane	ND D	ND ND	ND D	ND ND	H ND	ND ND	ND	ND ND	ND	ND	ND
yelohexane	ND	ND	ND	ND ND	ND	ND	ND	ND ND	ND	ND	ND
arbon Tetrachloride	ND ND	ND ND	ND	ND ND	ND	ND ND	ND -	ND ND	ND ND	ND	ND
enzene		ND ND	ND	ND	ND	ND	l ND	ND -	ND	ND	ND
2-Dichloroethane	ND NB		ND ND	ND —	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
4-Dioxene	ND	ND D		- ND	ND -	ND	ND ND	ND ND	ND ND	ND	7 ND
richloroethene (TCE)	ND	38	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	. ND	ND
fet byle ye lohe zene	ND	ND_	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND.
2-Dichloropropane	ND	ND			86	ND ND	ND ND	ND ND	ND	ND	ND
romodichloromethane	ND	ND .	ND	ND	ND ND	ND	ND ND	ND OR	ND	ND ND	ND ND
s-1,3-Dichloropropene	ND	ΝD	ND	ND_			ND	ND	ND	ND	ND
Methyl-2-pentanone	ND	ND .	ND	ND	ND	ND ND	ND ND	110	ND	ND	ND ND
oluene	200,000	XD O	ND	ND	- ND	ND	ND ND	ND	ND	ND ND	ND
ans-1,3-Dichloropropens	ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND TO	ND -	ND	ND
1,2-Trichloroethone	ND	ND				ND ND	.67	ND ND	ND ND	ND	ND
etrachloroethene (PCE)	ND	ND	ND	ND	ND ON		ND	ND	ND ND	ND	ND
Hexmone	ND	ND_	ND D	ND	סא	ND ND	ND ·	ND	ND	ND ND	ND ND
bromochloromethane	ND	ND	ND	ND	מא .		ND ND	ND	ND	ND ND	ND
2-Dibromoethane	ND	ND	ND	ND_	מא	מא	ND ND	ND ND	ND ND	ND	ND
hlorobenzene	ND	ND	טא.	ND	ND	מא	ND ND	16	22 /	ND	ND
hylbenzene	730,000	ND	ND	ND	מא	5.9 J			63	ND .	ND
p-Xylene	2,800,000	מא	143	ND	ND	19	ND T	35	30 /	ND	ND ND
Xytene	840,000	ND	ND	ND	ND	17	ND ND	28	ND ND	ND	ND ND
TEDE] ND	ND	ND	ND	ND	ND		101	ND	ND	ND
отобия	ND	ND	ND	ND	ND .	מא	ND	ND ND	ND ND	ND ND	ND
propylbenzene	ND	ND ON	ND	ND							
1,2,2-Tetrachlomethane	ND	D)	ND	ND	ND	ND	ND	ND			ON ON
3-Dichlorobenzene	ND	ND ND	ND -								
4-Dichlorobenzene	ND	אט	ND ND	ND ND							
2-Dichlorohenzene	ND	ND	ND	ND	ND	NU .	ND	ND	ND		
2-Dibromo-3-chloropropune	ND	ND	ND	ND	ND	מא	ND	ND	NU	ND	ND
2,4-Trichlorobenzene	ND	ND	מא	ND	ND .	ND	שא	ND	ND _	ND	ND
2.3-Trichlorobenzene	ND	ND.	ND	ND							

Notes:
All results are preliminary and base not good through any data review or validation process. Detected consentrations are Belded.

5. Sample concentrations are Belded.

J. Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DP - Distalon Factor
NA - Not Applicable

Table 1 Preliminary Analytical Data Simmary Table - TCL, VOCs Superior Barrel and Drum Site September 2013

RST 2 Sumple ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1	TB-092713
CLP Sample ID	BB019	BB020	BBOEI	BBQE2	BROEJ	BB0E4
Vm	Ares01	Ares03	Ares03	Arra03	Azea06	NA.
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/17/2013
Sample Matrix (Unit)	Surface Witter (ug/L)	Surface Water (ug/L)				
Dichlorodifluoromethane	ND	ND	ND	NÞ		
hloromethone	NP.	MD D	ND	ND ND	ND ND	ND .
Vinyl Chloride	ND	ND	ND	NP NP	ND ND	ND
Promomethane	ND	ND	D D	ND ND	ND ND	ND
Chloroethane	ND	ND	ND	ND	ND	QN ND
Trichlorofluoromethyre	ND	ND	מא	ND	ND ND	ND ND
1,1-Dichlorgethene	D	ND	ND	ND ND	D D	ND
.1.2-Trichloro-1,2,2-trifluomethrae	ЙĎ	ND	ND	ND	Q 	ND
Acctoric	6.3.1	30.1	3.1 J	30	40 J	22
Carton disulfide	ND	ND	ND	ND	ND	ND .
Methyl acetate	ND	ND	ND	ND	ND	ND .
Methylene chloride	ND	ND	ND	ND	ND ND	ND
mms-1,2 Dichloroethene	ND	ND	ND	ND	ND	ND
Mental terr-Hundether	ND .	ND	ND	ND	ND .	ND
.1-Dichloroethme	_IND	ND	ND	ND	ND	ND
is-1,2-Dichlomethene	ND	ND	ND	. ND	מא	ND
Hutanone	ND.	ND	ND	DI	ND	ND
Promoc hioromethane	ND	ND	ND	ND	ND	ND
Physican	ND	ND	ND	ND	ND	ND ND
.1.1-Trichloroethone	ND	ND	ND	, ND	ND QN	ND ND
velohexane	L ND	ND	ND	ND	ND	ND ND
arton Tetrachioride	ND	ND	ND	. ND	ND	ND
Benzene	ND ND	ND	ND ND	ND	ND ND	ND
2-Dichloroethine	ND	ND _	ND	ND	ND	ND
A-Dioxane	ND	ND	ND	ND	ND	ND -
Prichlomethene (TCE)	. ND	ND	ND	ND	ND	ND
Methyle yelohexane	ND	ND	ND	ND	ND	ND
2-Dichloropropane	ND	ND	ND	ND	ND	ND
bromod ichloromethane	ND	ND	ND ND	ИD	ND	ND
is-1.3-Dichlorororoene	ND .	ND	ND	ND	ND	ND
-Methyl-2-pentanone	ND ND	ND	ND	ND	ND	ND
ohuene	2.7 .	ND	ND	D D	ND	ND
nas-1,1-Dichloropropene	ND	ND	ND	ND	מא	ND
1.2-Trichlomethme	ND	ND	ND	מא	ND	ND
etrachlomethene (PCH)	ND	ND	ND	dN	ND	ND
Heurone	ND ND	ND	ND	ЙĎ	ND	ND
A bromoch lo romethane	ND	ND ND	ND	DN	ND_	. ND
2-Ditromoethane	ND	ND	ND	ND	ND	. NP
hlorobenzene	ND	ND	מא	ND	ИD	ND
Thylberrene	ND	ND	ND	ND	ND	מא
n.p.Xylene	ND	ND	ND	ND	ND	ND
-Xylene	ND	ND	D D	ND	NP .	ND
brene	ND	ND	ND D	ND	ND	ND
romoform	ND	ND	ND D	DND	NP_	ND
opropythenzene	ND	ND.	שט	ND		ИD
1,2,2-Tetrachloroethane	ND	ND	DM	ND	ND.	ND
3-Dichbrobenzene	ND	ND	מא	ND	NP_	ND
A-Dichlumbenzene	ND.	D	D	ND	ND	ND
,2-Dichlorobenzene	ND	ND	מא	ND	ND	MD D
2-Dibromo-3-chloropropune	מא	ND D	ND ND	ND	ND	ND
2.4-Trichlorobenzene	ND	ND	מא	ND	ND D	ND
.2,3-Trichlorobenzene	ND D	ND	ND I	ND	ND	ND

Notes:

All results are prelimitury and have not gone through any data review or validation process. Detected concentrations are Bodded.

E. Sample concentrations accord the upper level of the calibration range.

J. Indicates the reported value is an estimate.

ND - Indicates the smolyte was analyzed for but not detected.

DF - Dilution Factor

NA - Not Applicable

Table 2 Prollminesy Analytical Data Sammasy Table - TCL SVOCe Superior Barrel and Drum Site September 2013

										P081-TW-1010-1	P001-TW-1011-1	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1
RST) Sample (D	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1805-1	P001-TW-1906-1	P001-TW-1007-1	P061-TW-1608-1	P001-TW-1809-1					BAZID
CLP Sample ID	BAZ55	BAZS6	BAZ87	BAZS	BAZS9	BAZTO	BAZTI	BAZ12	BAZT3	BAZT4	BAZTS	BAZTE	BA2.17	
Area	Arei01	Ares01	Area01	Area01	Area01	Ares01	AreaOl	Arei01	Area01	AreiOI	Area01	Area01	Ares01	ArosOl
Sampling Date	9/23/2013	9/23/2013	W23/2013	8/13/2013	9/23/2013	#1373013	W23/2013	9/23/2013	9/13/2013	9/23/2013	9/23/2013	9/23/2013	9/13/2013	ดงรักมา
Sample Matrix (Unit)	Liquid Waste (ng/kg)	Liquid Waste (my/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (my/kg)	Liquid Wests (my/kg)	Liquid Waste (ug/kg)	Liquid Wests (mg/kg)	Láquid Wests (ng/kg)	(Apadd Waste (applig)	Liquid Wests (ug/kg)	Liquid Weste (ag/kg)	Liquid Wests (sg/kg)	Liquid Wests (ag/bg)
Benzaldchyde	מא	NB	ND .	ND	350,000	ND	ND	ŅD	1,500	ND	ND ND	ND ND	ND ND	ND ND
Phonol Bis (2-Chloroschyl) ether	ND ND	ND ND	2,160 J ND	14,000 ND	ND ND	ND ND	NB NB	ND ND	ND OX	ND ND	מא	ND ND	ND	ND
3-Chlorophenol	ND	ND	ND	ND	ND	ND.	ND	. מא	ND	ND ND	מא	ND ND	ND ND	ND ND
2-Malylpherol	ND ND	ND ND	ND	NB	ND									
2,2'-oxybis(1-Chloropropans) Acrophenone	ND	ND	3.200 J	ND .	ND	6,900	5,800 J	ND	7,200	ND .	ND ND	ND .	ND ND	ND ND
4-Methylphenol	מא מא	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	80	ND ND	ND ND	ND ND	ND ND	NB	ND
N-Nitrogra-di-n-propytamine Heuschbroethane	ND ND	ND ND	ND	ND ND	ND ND	ND	ND D	. ND	ND	ND	ND	ND	ND ND	ND ND
Nitroben zene	ND D	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NB NB	ND ND	ND ND	ND ND	ND ND
Isophorong 2-Narophenol	ND ND	ND ND	ND ND	ND	KD	ND ND	ND	ND	NO	NB	80	NB	ND	ND.
2,4-Dimethylphenol	ND	ND	NO.	ND	ND .	ND ND	ND Sin	ND NO	ND ND	ND ND	מא	ND ND	NB ND	ND ND
Bis(2-Chloroethoxy)methane 2,4-Dichlorophenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	No.	ND	ND	ND	ND
Naphthalene	ND	28,000	ND	1,400 J	ND	ND	N/D),100,000 E	ND	41,000	12,000 ND	ND ND	1,100 J ND	11,000 ND
4-Chloroeniline Hexachbrobusediene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND
Carrobotam	ND	ND	ND .	ND	ND.	ND C	ND	ND.	ND	ND ND	ND ND	ND ND	ND ND	ND ND
4-Chloro-3-methylphenol	ND 18,000 J	ND 26,000	KD KD	ND ND	ND ND	ND ND	ND ND	ND 168,000	ND ND	190,000	- N D	516 J	1300 1	15,000
2-Merbytraphi hakeng Hexachtsrocyclopentadiene	ND	ND .	ND	KD	ND	ND	ND D	ND.	ND	ND	ND ND	ND	ND ND	ND ND
2,4,6-Trichbrophenol	ND	ND	ND .	ND ND	ND ND	NB NB	NO NO	ND ND	ND ND	מא מא	ND ND	ND ND	ND ND	ND
2,4,5-Trichkrophenoi 1,1' Biphanyl	ND ND	ND ND	ND ND	1,805 J	ND	ND	ND	ND	ND	לא	ND	NO	ND ND	ND ND
2-Chloronaphrha lens	ND ON	מא	ND .	ND .	KD C	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND ND
2-Narounitre Dimetrylykthulus	ND ND	ND ND	ND ND	ND Labor	ND ND	ND ND	ND ND	ND	ND	ND	1460 7	ΝĎ	ND	ND
2,6-Dimensioners	ND	ND	ND .	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
Acera phthylene 3-Nitrouni irre	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND	ND	NO.	ND :
Accrayhhong	ND	ND ,	ND	ND	ND	KD CH	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2,4-Distrophenol	ND ND	ND ND	KB KB	ND ND	ND ND	ND ND	ND ND	אם א	70	ND -	ND.	ND .	ND	ND _
4-Nirophenol Dibenzeltung	ND	ND	מא	ND .	NO	ND ND	שא	ND	KD D	ND ND	ND ND	ND ND	ND ND	ND ND
2,4-Dinitrotokene	ND 25,000 J	ND	ND	ND ND	ND 630,000 K	NB 27,000	ND	ND 2,000,000 E	16,000	450,000 F	- N B	ND	ND C	6,700 ND
Diestryfplatedate Florrene	ND	110.000 ND	7,400 ND	ND .	ND	ND	ND	ΝD	מא	ND ND	ND	ND ND	ND ND	ND ND
4-Chluryhenyl-thesyl alba	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
4-Nitroaniling 4.6-Distro-2-methylpherol	OK OK	ND ND	λD	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND 4400
N-Nigo sodishenytoming	61,000	ND	1,800 J	ND ND	ND ND	7300 J	ND ND	ND ND	ND ND	\$3,000 ND	3,600 J	ND ND	I ACO J	6,400 ND
4-Brumophenyl-phenylether	ND ND	ND ND	ND ND	ND.	NB -	ND_	ND	ND	ND.	ND	КĎ	ND	N5	ND ND
Heuchlorobenzene	ND	ND	ND	ND ND	ND ND	ND ND	ND NO	ND ND	NB ND	ND ND	ND ND	ND ND	ND ND	ND_
Arrazino Persach krophero	ND ND	ND ND	ND ND	ND	NB	ND T	ND .	ND .	ND	NO	ND	ND ND	ND ND	ND ND
Phenanthrene	ND	ND	NO	ND ND	ND ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
Anthracene Carbusole	ND ND	ND ND	ND ND	ND -	ND	ND	ND .	ND	ND	ND .	ND	ND	ND .	NB
Di-a-butylyhthalate	13 2000 BJ	ND	ND	ND.	18 000 H	62,000 H .	11200 BJ	74200 ND	1,300 BJ	612006 ND	ND ND	ND ND	76206 ND	9,3600 ND
Finoranthene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NB NB	NB -	מא	ND C	ND	ND	ND _
Pyrene Bugythenrylphthakas	ND	ND	NO.	ND	ND .	ND	ND .	NB	1,200 14.1	ND ND	ND ND	ND	4,700 BJ ND	ND ND
1,3' Dichloroberaidne	ND	ND ND	ND ND	NB ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND
Benze(a)orahracene Claysene	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND ND	ND ND	ND ND	ND ND
bis(2-Eabythexyf)phthsbse	260,000 B	ND ND	3,400 NJ ND	1,300 BU	ND ND	ND ND	ND 16200 J	ND ND	3,000 EJ NB	710,000 E	ND ND	ND	ND.	ND
Di-n-ootylyhthalatq Benze(b)thusaraheng	ND ND	ND ND	ND	NB	NB	ND	ND	ND	ΝĎ	ND	ND.	ND ND	ND ND	ND ND
Beroo kithoraraheng	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .	No
Benzi (a)prem Indeni (23-ed)preme	ND ND	ND ND	ND ND	ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND
Dibenze (a.h) anthracere	ND	ND	ND	NO	ND	RD	ND ND	ND NO	ND ND	ND .	ND ND	ND ND	ND ND	ND ND
Benze(g.lt.i)porylene 2, 3, 4, 6-Tetrachlorophenol	ND ND	ND _	ND ND	NO .	80	ND ND	ND	ND						
The statement of the st	<u> </u>	3 X DF			3 X DF		3 X DF	3 X DF		3 X DF		-		

Notes:
All results are pretiminary and have not gone through any data review or validation process.
Descond concentrations are Builded.
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates in reproted who is in a maintance
B - Indicates analyse found in the exercised method blank.
ND - Indicates the analyse was analysed for but not detected.
DF - Dilation Factor

Table 2 Profitationry Analytical Data Stemmery Table - TCL 6VOCs Superior Barrel and Dress Site Griptenber 20 13

RST 2 Sample 1D	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1			···					
CLP Sample ID	BAZT9	BAZWD	BB004	BB005	BB006		P001-DW-2003-1	P001-DW-2004-1	P001-DW-2006-1	P001-DW-2006-3	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1
Arte	AreaOI	AreaDI	Area01	Ares01		BAZQI	BAZQ1	BAZQ3	BAZQ4	BAZQS	BAZQ6	BAZQ7	BAZ54	BAZWI
Seaping Date	9/3/2013	9/23/2013	9/21/2013	9/27/2013	Arra01	Ares02	Ares03	Ares02	Are:01	Ares02	Area02	Are=02	Area()2	ArtiO2
Sample Matrix (Unit)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)			9/27/2013	9/29/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/13/2013
Benzaldchyde	CZI	ridam Hass (after)	Liquid Waste (ng/kg)	Liquid Wests (ug/kg) ND	Liquid Waste (ug/kg) ND	Liquid Weste (sp/kg)	Liquid Waste (eg/kg)	Liquid Waste (eg/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (1g/kg)	Liquid Weste (ug/kg)	(grige Vinte (aging)
Phonol	ND	ND -	610,000	LND	ND ON	1,00 J	37,000	4.000 J	ND ND	ND [400 J	ND ND	ND ND	.00	ND.
Big(2Chlosophyl)gder	ND	ND .	ND.	ND	ND	ND	ND	ND.	ND	ND	ND ND	27,000 ND	ND ND	ND ND
3-Chlorophenol 2-Meshylphenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND 4000 /	ND	ND	ND	ND	ND	L ND	ND	<u>D</u>
12'-atybis(1-Chloropropins)	מא	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND NO	ND	ND	ND	ND
Accorptenane 4-Meshylphenol	ND	<u>N1)</u>	ND ND	ND	ND	9,200 (1	ND .	\$ \$00 B	9,200 H	4.500 BJ	ND 18,000 B	NO 16,000 B	ND ND	ND
N-Nitrogradian-propostaming	ND ND	<u> </u>	22.004 J	UND ND	ND ND	ND ND	ND ND	ND .	ND	ND	ND	5.400	ND ND	ND ND
Heuchbruchare	ND	ND CIN	, ND	ND	ND ND	ND ND	מא	ND ND	ND ND	ND ND	ND T	N _D	ND	DV
Nisobenzene	ND ND	ND ND	DΩ	ND ND	KD	NΦ	ND	ND	ND ND	ND	ND ND		ND ND	ND ND
Isochotone 1-Nitrochenol	ND ND	ND ND	23.000 J ND	ND ND	20	ND ND	ND	ND	ND	ND	QΝ	ND .	ND	ND ND
2.4-Dimethylohenol	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	D D	ND III	ND.	ND	ND
Bist2-Characture vinethase	ND	ND	ND	ND	ND ND	ND	ND	ND	.ND	ND ND	ND ND	GZ GZ	ND ND	ND ND
2.4-Dichlarothenol Nachthalena	ND 200,000 E	ND 260,000 E	11,000 J	ND 280,000	ND 360,000	ND ND	ND .	ND	ND	ND	ND	ND.	ND ND	ND ND
4-Choronilire	ND.	ND	ND	ďζ	ND.	ND ND	670.000 E	AJIO0 ND	12.000 NU	ND ND	15.000	4.800 .	ND.	ND
Hexachlorobotatiene	ND ND	ND.	ND ND	ND	ND	ND	9	ND	ND ND	ND ND	- NR ND	ND ND	ND ND	00/
Carrobitam 4-Chloro-3-methylphenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND.	ND CA	ND	. ND.	ND	XD	ND ND
2-Methylasolutatore	L400 J	1,900 J	. ND	ND.	ND	ND ND	ND 14/000	XD XD	ND ND	- XD	ND.	ND	ND	ND.
Heachbrace burnations	ND	NP_	ND	ND .	ND	ND.	ND.	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2.4.6-Trichlumohenol 2.4.5-Trichlumohenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	22	ND	ND ON	ND.	ND -
1,1'-Biphant	ND	ND	ND	ND.	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND NO	ND	ND
1-Chloroughthylene 1-Narounline	ND ND	ND ND	ND	L D	ND	ND.	ND	ND	ND ND	- OX	ND	ND ND	ND ND	ND ND
Dimethylyhidalsie	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND.	ND	ND ND	ND ND
2.6-Dinitarychiene	ND	ND	ND.	- עא	NO.	ND ON	11,000 ND	ND ND	ND ND	ND ND	7100 1	, ND	ND	4,000 J
Accresphiliphone	ND NO	ND	ND ND	ND	ND	ND	KD		ND ND	CDA	3.500 J ND	ND ND	ND ND	ND
3-Nizrambine Agresitations	ND ND	XD XD	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND
2.4-Distrocharol	ND	ND	ND	ND -	ND ND	ND -	29	ND ND	ND ND	ND ND	ND ND	ND	ND_	ND
4-Nitrochenol Diberzofean	ND ND	ND	7,0	ND .	ND	ND.	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
2.4-Distantifume	ND ND	ND ND	ND ND	XD XD	ND ND	ND ND	ND ND	ND	ND.	ND	ND	ND	ND	ND ND
Dieshyldshafsre	ND ND	ND	ND	ND_	ND	ND ND	14.000 B	ND 9,000 B	ND A500 BJ	ND 2600 BJ	ND .	ND	ND	ND
Fluorene 4-Chlorophenel-phenel ether	ND ND	ND _	ND	ND	ND D	ND	ND	ND	ND	ND ND	50,000 B ND	9.400 B	ND ND	ND ND
4-Nationaline	ND ND	X9 X9	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	. ND	ND	ND.	ND I	ND ND
4.6-Divisio-2-methylaterol	ND .	ND	ND	ND	ND ND	ND.	ND	ND ND	ND ND	ND NU	ND ND	ND	ND	ND
N-Nitropolishen-harine 1,24,5 Tetach brokervene	ND ND	ND	ND	ND	ND .	ND.	ND —	ND	ND	ND ND	9,000	ND ND	ND ND	ND ND
4 Brownshaml abandaber	ND ND	ND ND	ND ND	ND ND	XD XD	ND.	70	ND NO	ND.	ND.	ND.	ND	ND ND	ND ND
Herachlorotenzene	ND	ND.	ND	ND.	ND ND	ND ND	79.22	ND.	ND ND	ND ND	ND ND	ND ND	ND	ND .
Acazina Presarblomotorol	XD XD	ND ND	ND ND	ND ND	ND ND	ND	ND	XD.	ND	ND	MD	ND I	ND ND	ND ND
Phonestrone	ND ND	ND.	ND .	ND ND	ND ND	ND ND	ND ND	ND.	ND.	ND	ND	ND ND	ND .	ND ND
Arstracene	ND	ND ON	ND	24,000 3	ND	ND	ND -	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
Carterole Di-o-busylphdudate	ND ND	ND ND	ND ND	ND ND	ND ND	ЙĎ	ND	ND ND	ND	ND	ND ND	ND	ND ND	ND ND
Planaraherre	ND	ND ND	ND ND	ND ND	ND ND	7,000 1	ND ND	460 1	ND ND	ND .	45,000	J.500 J	ND ND	ND
Printeria	ND.	ND.	ND	ND ND	ND .		ND ND	ND D	ND ND	ND ND	ND ND	ND ND	ND.	ND
Butvitensviehthalate 13' Detilorobensidate	ND ND	ND ND	<u>QN</u>	ND ND	22	ND ND	ND	5,400	ND	ND ND	130000 E	ND ND	ND ND	ND ND
Berrotalenthracere	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND I	ND	ND	ND
Chrosene	ND	ND	ND	ND	ND	ND ON	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
his 2-Eshelbear Indulate Di-n-contribulate	4.400 J ND	ND ND	ND ND	460,000	£400,000 E	ND ON	ND	1,300 (ND	ND	34.000	ND ND	ND ND	ND ND
Benra Militar purchana	ND	ND ND	ND ND	ND ND	ND ND	7,900 ND	ND ND	ND	ND ND	13,000	UND .	ND	ND	NO
Bereal Officianthera	ND	ND .	ND	ΝD	ND.	XD	מא	ND ND	ND ND	ND ND	ND ND	ND	ND	ND
Betweenterenterenterenterenterenterentere	ND ND	7.0	22	. ND	ND	ND	ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND
Dibravola kingdracena	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND.	D	ND ND	ND ND
Benzal a halterylene	ND.	ND .	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND
2, 3, 4, 6 - Tempe Memorhemol	ND	ND	ND	ND	ND.	ND.	ND D	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
			10 X DF	16 X DF	IQ X DF							NU UN	NU	ND

Notes.
All reads are perfiningly and have not gone through any data review or validation process. Decorded concentrations are Builded.
E. Sample concentrations exceeded the upper level of the calibration range.
J. Indicates the teponed value is an estimate.
B. Indicates the proposed value is an estimate.
ND: Indicates the snalyer found in the associated method blank.
ND: Indicates the snalyer was analyzed for but not decorded.
DF: Distribute Factor

t some # Proliminary Assolution Data Summary Table - TCL SVOCs Superior Barrel and Drum Ette Superior 2013

RST 2 Sample 1D	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2043-1	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-I	P001-DW-2058-I	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2063-1
CLP Semple ID	BAZSI	BAZW2	BAZSI	BAZS0	BAZ53	BAZWJ	BOAG9	BAZW4	BAZW7	BAZWE	BAZXI	BAZXO	BAZYI	BAZX2
Area	Ares02	Ares02	Area02	Ares02	Ares02	Ares01	Ares03	Ares02	Arve01	Ares02	Ares02	Ares02	Area02	Ares02
Secondary Date	9/23/2013	9/24/2013	9/23/2013	9/3/2013	9/13/2013	9/24/2013	9/14/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/15/2013	9/25/2013	9/25/2013
Sample Matrix (Unit)	Liquid Waste (up/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (sg/kg)	Liquid Wests (ng/kg)	Liquid Weste (og/kg)	Liquid Waste (ug/kg)	Liquid Waste (myliq)	Liquid Weste (og/kg)	(Japati Wasta (ag/kg)	Liquid Weste (mg/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)
Benzaldebyde	20,000 J	ND	ND	ND	ND _	1.000 2	ND:	KD.	ND	ND	ND ND	ND	J,200,000 EH	ND ND
Phenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	376,500 E ND	A100 J	ND ND	УĎ
Bis (I-C's broatly!) ether I-C'storopheno!	ND	ND	ND	ND	ND.	ND _	ND	KD .	ND	ND	ND D	ND ND	ND ND	ND ND
I-Mathylphenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
2,2"-acybis(1-Chloropropens) Accuphesone	ND	ND	ND	ND	ND	ND	ND ND	1.500 J	ND CK	ND .	ND .	1760 J	ND ND	14,000 ND
Mahyhbaol	ND.	ND ND	ND ND	ND ND	ND	ND								
N-Nitroso-di-n-propylamine HexacHorochone	KD	ND	NO	ND	KD CK	ND	ND T	ND .	ND	ND	ND ND	ND ND	ND ND	ND ND
Narobenzene	ND ND	ND .	ND ND	ND	ND									
Imphotose 2-Nitrophenol	מא	ND	ND	ND	ND	ND	ND ND	ND D	ND ND	ND	ND ND	ND ND	ND ND	ND ND
2,4-Direchylpherol	ND ND	ND ND	ND ND	(N) (N)	ND	ND	ND	ND						
Bis(2-Chloroethoxy)methang 1,4-Dichlosophenol	ND	Nø	ND	ND .	ND 40,000	ND ND	ND JEODOQ E	ND 4,100 J						
Kaphthaleng	17,000 J	ND ND	ND ND	33,000 ND	318,000 ND	ND ND	\$20,000 E ND	ND ND	ND ND)0,000 ND	ND	ND ND	ND .	ND
4-Chlorosni line Hexachlorobutad içne	ND	, ND	ΝD	ND	ND	ND	ND	ND	ND .	ND	ND ND	ND ND	ND ND	ND SD
Cappoctant	ND ND	ND ND	ND _	ND ON	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	I KD	ND
- Chiaro-J-mathylphenol - Mathylmoph balang	17,000 J		3,400 J	7/300 1	7,000,000 K	ND .	39,000	ND	ND ND	3,160	ND ND	ND ND	ND ND	ND ND
Hexachlorocyc togerzadiene	ND ND	ND ND	ND ND	ND UN	ND ND	NB	ND ND	ND ND	ND ND	ND ND	ND	<u> </u>	ND	7.0
2.4.5-Trichbropherol	ND ND	ND ND	ND.	ND	ND ND	ND	KD.	SD	ND .	ND ND	ND ND	ND ND	ND ND	ND ND
i,i'-Bipheryi	ND ND	מא מא	ND ND	ND ND	ND ND	ND ND	ND NO	ND ND	ND.	ND ND	ND -	ND ND	ND	ND ND
I-Chlorosuphthalone I-Nitrosnikne	ND .	170	מא	ND	ND	KD .	ND	ND	ND	ND	NB	ND SD	NB ND	ND ND
Dimethylphi Is hie 1,6-Dimentologie	ND ND	1,800 J ND	ND D	ND ND	ND ND	ND ND	ND ND	ND ND	ND NB	ND ND	ND ND	ND	ND	ND
Acemphilitylene	ND	ND -	ND	ND	ND.	ND	ND	ND	NØ.	ND .	ND ND	ND Sh	ND ND	ND
- N trong line	ND ND	ND ND	NB · ND	ND ND	ND ND	ND ND	ND ND	ND ND	NO ND	ND ND	ND ND	ND.	ND	ND
Accraphthese 2,4-Distropheso	ND	ND	ND	ND N	ND	ND	ND	ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND
4-Narophenol	ND ND	ND ND	ND ND	ND ND	ND ND	מא אס	ND ND	ND ND	ND ND	NB -	ND ND	ND .	ND -	ND .
Dihenzoftman 2,4-Dinimutoloene	ND	ND	ND	ND .	NÖ	ND	ND T	ND	ND .	ND	ND ND	ND NO	ND ND	NB NB
Diethytplahabae	200,000 ND	\$,500 ND	ND ND	1(,000) ND	ND ND	ND ND	ND ND	NB ND	ND ND	ND ND	ND	NO .	ND ND	ND
Flooreng 4-Chlorophenyl-phanyl gilipp	ND	ND	ND ND	ND	ND	ND .	N6	ND	ND	ND ND	ND	ND ND	ND ND	ND ND
4-N promitime 4.6-D (nitro-2-methylphern)	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND NO	ND ND	ND ND	ND ND	ND	ND	ND ND
N-Nizro godinih crryturing	24,000 J	ND	ND	ND	ND	ND.	69,000	ND	ND	ND	ND ND	ND ND	ND ND	ND ND
1,2,4,3 Tetrach beolevering - Bromophenyl-phenylether	ND NB	ND ND	סא מא	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND _	ND	ND ND
Heuckbroberzene	ND	ND .	ND	ND	ND	ND .	ND .	ND ND	ND ND	ND .	ND ND	ND ND	ND ND	ND ND
Atruring Pentachkropherol	ND ND	ND ND	<u> </u>	ND ND	ND ND	ND NB	ND ND	ND .	ND	KD	ND .	ND .	NO	ND ND
Phonembrone	ND .	ND	ND .	ND	138,500	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Arthracene Carbarola	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND .	ND	ND	ND	ND	ND
Di-tr-batylphthalate	ND	ND	טא	11,200 7	195,000	ND	9,500 J	ND ND	ND ND	ND ND	ND ND	ND ND	NB ND	ND ND
Flourant hone Pyrone	ND ND	ND ND	NB	ND ND	ND ND	ND ND	ND	מא	ND ND	ND .	ND .	ND	מא	7,0
buy/herzylyhtholate	, ND	ND.	ND .	20,000 BJ	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,3' Dichlorchenzione Benzi (a) unitracene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .	ND	ND	NO	ND	ND .	ND	ND
hypere	KD.	NB	ND.	ND	ND	ND NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND NB	ND ND
bis(2-Estrythesyt)phalmine Di-n-occytphalmine	ND ND	32,000 ND	ND ND	31,000 J ND	NB ND	ND	ND	ND	ND D	ND	ND	ND .	ND .	ND ND
Benzi (b)thisanthen	ND	KID	ND	ND	ND .	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Benzo(k)Duoranthene Benzo(k)pyrene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	ND	ND	NO	ND	ND
Indexx([2,3-pd)pyrene	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Diberato(a.h)arahraceng Benas(a.h.i)peryleng	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	, ND	ND	ND .	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachkorophero I	ND ND	ND	ND ND	NB -	ND	לא	ND	ND	ND.	I ND	ND	ND	I ND	ND

Notes:
All results are preliminary and have not gone through any data review or validation process.
Descord concentrations are Bolderd.
P. Sample concentrations are accorded the upper level of the calibration range.
J. Indicates the reported value is an entireties.
B. Indicates supplye found in the servicined method blank.
ND - Indicates the studye was analyzed for but not detected.
DP - Dilution Factor.

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Table 2 Proliminary Amstytical Data Summary Table - TCL SVOCs Superior Burrel and Drum Site Steptamber 2013

RST 2 Sample ID	P001-DW-2063-1	P001-DW-2064-1	P061-DW-2045-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	Book Day Seed -					
CIP Semple ID	BAZX7	BAZR7	BAZXS	BAZXS	BAZRS	BAZW9	BAZX4		1001-DW-3001-1	P001-DW-2084-1	P001-DG-2007-1	P001-DW-2090-1	P001-DW-2090-2	P001-DW-2093-1
Arre	Arra02	Area03	Ared)2	Area02	Arra02	Arra02		BAZX9	BAZRS	BAZXI	BAZYO	BB007	88008	BB009
Sampling Date	9/25/2013	9/1/2013	9/35/2013	9/25/2013	9/13/2013	9/25/2013	Are:03	Area02	Arre02	Area02	Ares02	Ares03	Arrid3	Ares02
Semple Metris (Unit)	Liquid Waste (ug/kg)	Liquid Wests (sg/kg)	Liquid Wests (ug/kg)	Liquid Weste (ug/kg)			9/25/2013	9/15/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/21/2013	9/27/2013
Benzaldehola	ND	ND ND	ND	77.000 B	Liquid Waste (ug/kg)	Liquid Wests (ug/kg) 2,000 BJ	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Wasts (ug/kg)	Liquid Weste (ug/kg)	Shadge Waste (ng/kg)	Liquid Wests (mg/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)
Phenol	ND.	ND	ND	ND_	ND	ND	ND.	ND ND	ND.	ND ND	ND ND	ND ND	ND ND	ND
Bin(2-Chlorophyl) ether 2-Chloropherol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND		ND.	ND T	ND ND
2-Methylphenol 2,2'-carpis(1-Chloropropum)	ND ND	ND	ND .	ND	ND	ND		NO	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Accepthonone	ND ND	ND 14,000 J	ND ND		ND ND	ND ND	ND 1000 J	ND ND	ND 1	ND	D	, D	ND ND	ND ND
4-Methylphenol	ND ND	ND	ND	ND	ND	ND .	ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
N-Nistoso-di-n-otoro-tamine Lieuschlorocitane	ND ND	ND ND	ND ND	ND ND	XD XB	D GX	ND ND	ND ND	ND ND	ΝD	ND	ND	ND	ND ND
Nigobovene Isoofutore	ND ND	ND	ND	ND.	ΝD	ND	ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2-Nitrophenol	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND_	ND	ND	ND	ND	ND
2.4-Direct/vlohenol Biu/2-Chlomethus etmethone	ND ND	ND ND	ND	ND D	ND	ND	ND	ND_	ND GN	ND ND	ND ND	ND ND	ND ND	ND D
2.4-Dichlotocharol	ND .	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND	ND	ND
Nachthalene 4-Chlorosni ine	ND ND	21,000 J ND	530,600 E	ND	ND .	ND	ND.	ND	ND ND	ND 270.000 E	ND ND	ND. 140.000	ND 140,000	ND 37,000 J
Heuechbrobutatione	ND ND	ND ND	ND ND	25.25	ND ND	ND ND	ND ND	ND XD	ND ND	ND ND	ND	ND	ND	ND
Caprobetam 4-CHoro-1-methylphenol	ND ND	ND ND	ND.	ND ND	ND	ND.	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
2-Medintrachitations	L ND ·	ND. 21,000 J	ND 3,000	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	XD	ND ND
Hesachtmoschrentatione 2.46-Trichbrocherol	ND ND	ND ND	ND ND	ND ND	ND	NO.	ND ND	ND.	ND	7100 1	ND ND	33,000 J	11,000 I	11.090 I
2,43-Trichkrophenol	ND ND	ND	ND.	ND ND	ND ND	ND ND	ND ND	ND ND	XD XD	ND .	ND	NO	ΝĐ	ND_
J.1' Biphend 2-Chlorosphilalene	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND 1,200 J	ND ND	ND ND	<u>סא</u> אס	ND ND
2-Nitroantiline	ND	ND.	ND.	ND_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND T	ND	ND
Distribylphitolog 1.6-Distributologie	XD XD	ND ND	ND ND	מא	1,900 J	ND	92	ND	ND.	ND ND	VD VD	ND ND	ND ND	ND ND
Accrayhdiylene	L ND	ND	ND	ND ND	ND ND	ND ND	XD XD	ND ND	ND ND	ND ND	ND.	ND	ND	2
3-Nervaniline Accressivations	ND ND	ND ND	ND ND	ND ND	ND	ND	ND.	ND ND	ND	ND	ON ON	ND ND	ND ND	29.
2.4-Digitocherol	ND	ND ON	ND	ND ND	ND ND	<u>XD</u>	ND ND	ND ND	ND ND	ND ND	ND NO	ND.	ND	ND
4-Narroberol Diberrofuen	ND ND	ND ND	ND ND	<u>מא</u>	ND ND	ND ND	ND	ND	ND	KD	ND	ND ND	ND ND	ND ND
2.4-Dimiporobone	ND	ND.	ND	ND.	<u>ND</u>	ND ND	ND DND	22	ND ND	5.500 6.500	ND ND	ND ND	ND	17,000 J
Dictivishabatas Floorens	ND ND	ND ND	ND ND	ARON J	ND ND	ND	ND .	ND.	ND	ND N	ND	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u>XD</u>	ND ND
4-Chlorophenyl-phenyl-phar	ND	ND	ND	ND	ND	ND ND		ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND
4-Naroanilmo 4.6-Disita-2-methylotorol	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	- QZ	ND	ND ND	ND ND	ND ND	ND ND
N-Nitrosodichenylamine	ND ND	23,000 J	ND	ND.	ND 3,000 J	ND ND	ND.	ND ND	ND ND	ND ND	ND ND	ND	ND.	ND
1.2.4.5 Tetrachbrohemena 4-Bromodeum abandeher	ND ND	ND ND	NB	ND ND	ND ND	ND ND	ND.	ND	ND ND	ND ND		ND ND	ND ND	69.000 ND
Herachlorobenzene	. ND	ND	ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	<u>N0</u>	ND ND	ND
Atrache Penachorodenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND NU	ND ND	ND ND	NP.	NO.	ND.	. NR.	ND ND	ND ND
Phenanthrong Anthrocene	ND	ND	ND	ND	, ND	ND ND	ND	22.2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Carterolo	NO NO	ND ND	XD		ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND	ND	ND
Di-n-botylphhalate	ND ND	ND ND	ND	1.500 J	11,000	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
Pyrane	ND	ND	XD XD	ND ND	ND ND		מא	ND 80	ND ND	11,000	ND 0	ND	מא	ND .
Burdhensdahrhatare 3.3° Dichtorobenzidine	ND ND	ND ND	ND ND	ND.	25,000 B	ND	ND	ND	6.100 R	7100 1	ND ND	ND ND	ND ND	ND 200.000
Berzofalunifracese	L ND	ND	ND	ND DN	<u>ND</u>	ND ND	ND ND	ND ND	ND ND	ND .	ND ND	ND	ND .	ND
Chrysone his 2-Eulethesyllehubste	ND ND	ND .	ND	ND.	ND	ND	ND I	ND_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Di-n-octylohdolare	ND	95.000 B ND	1900 J ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .	ND	97,000	110,000	ND
Dervofbilhoumbere Bervofkilhoumbere	ND ND	ND ND	ND TO	ND ND	ΝD	λD	ND.	ND	ND	ND DN	ND ND	ND ND	ND ND	ND ND
lienzu(a)uvrenu	ND.	ND	ND D	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND .
Indensti 2.3 editorene Dibensola kinstraceno	ND ND	ND .	ND.	ND.	ND.	ND	ND.	ND.	ND	ND ND	ND ND	ND ND	ND ND	ND ND
Benrale & Doctriene	I ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND ND	- QX
2, 3, 4, 6 - Yetrachlorophenol	ND	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND I	ND ND	ND ND	ND.	ND_
<u>*</u>		5 X DL											ND T	ND

blace.
All results are preliminary and have not gone through any dru review or validation process.
Detected concentrations are basked.
B-Sample concentrations accounted the appert level of the calibration range.
I - Indicates the steps took value is an estimate.
B - Indicates at the staple found in the succincted method blank.
ND - Indicates the analyte was arealyzed for but not detected.
DF - Dilutton Factor

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s ums 2 zy Amstytical Data Sammarry Toble - TCL 5VOCs Superior Barret and Drum Site September 2013

Der se Lub	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-E	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5003-1	P061-DW-5006-1	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1
RST 2 Secupto ID							BB016	BAZNI	BAZNI	BAZNI	BAZN4	BAZNS	BAZN6	BAZN7
CLP Sample ID	BB010	B-B¢11	BB\$11	88013	BB614	BB015							Areado	Area05
Area	Ares02	Area02	Ares01	Ares01	Area02	Ares02	Ares04	Ares05	Area05	Ares05	Are=05	Ares05		W19/2013
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/21/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/10/2013	9/18/2013	
Sample Matrix (Unit)	Liquid Weste (mg/kg)	Liquid Wests (my/kg)	Liquid Wests (mg/kg)	Liquid Wests (ug/kg)	Láquád Waste (ng/kg)	Liquid Waste (m/kg)	Liquid Wests (mg/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (m/kg)	Liquid Wests (og/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)
Benzaldelsyde	ХĎ	ND	KD	ND	ND	ND O	ND	ND	NO	ND 7,500	NB 4300	XD -	ND	NO NO
Phenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NO	ND ND	ND ND	ND	ND	ND	ND
Bis (2 Chloroethyl) ether 2-Chloropherol	ND ND	ND ND	ND C	ND	ND ND	ND .	КĎ	ND .	ND	ND	ND	ND ND	ND ND	ND ND
2-Methylphenol	ND	ND	NB	ND ND	ND ND	ND ND	ND ND	ND NB	ND ND	ND ND	ND ND	ND -	KD	ND ND
2,2'-anybin(1-Chloropropane) Accrophenone	ND ND	ND ND	ND ND	ND	ND -	ND ND	- KD	ND ND	NO	6,700 B	7,000 8	ND .	ND	1.160 BJ
4-Mathylphenol	ND	ND	ND	ND	31,000 J	ND	ND ND	ND ND	ND C	ND ND	ND ND	ND ND	ND ND	ND ND
N-Nimoso-di n-propytamine	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	KD	ND	ND
Hexachloroethane Narobenzene	ND ND	ND	ND	ND	ND C	ND	ND	ND	ND	ND .	ND	ND ND	ND ND	ND ND
hophorong	ND	ND.	ND.	ND ND	ND VI	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	- KD	ND .	ND
2.4 Dimethylphero	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND .	ND	ND .	ND	ND ND
Bis(2-Chloroethray)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2,4-Dichlorophenol	ND ND	ND 610,000	ND 130,000	ND ND	ND ND	ND ND	ND ND	ND 41,000	79,006	2,100 2	3,200 J	386,000	ND	ND
Naphshalene 4-Chloroers line	ND	מא	ND .	ND	ND	ND	ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND
l fexachlorobutadions	ND	ND	ND	ND ND	ND VS	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NB T	ND	ND
Caprobotam 4-Chloro-3-methylphenol	ND ND	ND ND	KD KD	ND ND	ND ND	סא	ND	ND.	ND	ND .	ND	ND .	ND	ND ND
2-Methytruphthalene	ND.	15,000 7	ND .	ND	NB .	NB ND	ND ND	97.00 88	126,600 ND	ND ND	ND NB	1,160,000 V.	1,160 J ND	I. ND
Hexachbrocyclopentadiene	NB NB	NO NO	· ND	ND ND	ND	ND ND	ND ND	- ₩	ND ND	סא	ND	ND .	ND .	ND ND
2.4.6-Trickbropherol 2.4.5-Trickbropherol	ND ND	ND ND	ND D	ND ND	ND	ND .	ND	ND	ND ND	ND	ND	ND 176000	ND ND	, ND ND
1,1'-Biphenyl	ND ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	1,860 J ND	ND ND	ND ND	ND ND	ND ND	ND	ND .
I-Chlorosophihalese I-Nitratailine	ND NO	ND NB	ND	ND ND	ND ND	ND ND	ND	ND .	ND THE	ND	ND	ND	ND	NU NU
Directly total to the Life 2.6-Dissimuto lacest	15,000 7	29,000 J	ND .	ND	ND ND	ND CN	XD .	KD	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2,6-Dinitratolnene Acemphthylene	KD KD	ND NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	- ND	ND .	ND
3 Nitroamline	ND ND	ND	KD.	ND	ND	ND.	ND	מא	KD .	ND	ND ND	ND ND	ND ND	ND
Acensphilhene	XD XB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	KD .
2,4-Dinisopherol 4-Niropherol	ND ND	ND ND	ND .	<u> </u>	NB	ND .	ND	ХĎ	ND	ND	ND	ND	ND ND	- ND
Dihenzoforan	ND	מא	ND	50,000	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2,4-Dissistantologue	ND ND	ND ND	ND ND	ND ND	ND ND	1 ND 43,000 J	ND ND	3,100 J	ND -	ND ND	2,900 J	- אס	ND	. ND
Diethylphihalate Floorene	ND	ND	ND	NO	ND	ND	ND	930 /	NO_	ND	ND ND	ND ND	ND ND	ND ND
4-Chlorophenyl-phenyl ether	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	No No	ND ND	ND
4-Nitroaniling 4,6-Dission-2-mathylyberol	ND ND	ND ND	ND	ND ND	₩ No	ND	ND	ND	KD .	ND	ND	ND	ND	ND ND
N-Nitrosodiphenytunine	ND ND	71,/00	NĎ	NO	ND	15,000 J	ND ND	ND ND	ND ND	7,200 ND	11,000 ND	ND NB	ND	מא
1,2,4,5 Tetrach brobenzene 4-Bromophenyl-chenylether	ND NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .	ND	ND .	KD .	ND	מא
Heuschlorobenzene	ND	ND_	ND	NO	Νb	ND	ND	מא	ND .	XD XD	ND NB	ND ND	ND ND	ИD
Atractice	ND NO	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND.	ND	ND
Pertachbroghero Pherasabrene	ND ND	ND ND	ND ND	NB	<u> </u>	ND	ND	1,200 7	25,000 J	3,500 J	3,900 J	150,000 14,000 J	ND ND	ND ND
Antivacene	ND ND	ND	ND	ND	- KD	ND ND	ND ND	ND ND	ND ND	ND 5,500	7.000	14,000 J	ND .	NO .
Cartumie Di-o-buytphinalus	ND ND	ND ND	ND ND	ND ND	ND ND	590,860	NB NB	ND	ND	33,200	45,000	ND	80	Nb
Flaoranthone	ND .	ND .	NÖ	סא	ND ND	ND	ND	ND	ND .	ND ND	ND .	ND 42,000 J	ND ND	ND ND
Pyrepe	ND ND	ND	NB ND	ND	ND ND	1,000,000 E	ND ND	ND 1.300 RJ	ND ND	21,000 B	1,200 J 21,000 H	ND .	ND	ND
Butylhenzylphthalate 3.3' - Dichlorphenzidine	ND ND	51,000 ND	ND ND	ND ND	ND	ND	ND .	1,300 EU	ND	ND	I ND	ND	ND ND	ND ND
Benze a huntercone	ND	ND	KD	ND	ND _	NO.	NB CO	ND ND	ND ND	ND NO	ND ND	ND - ND	ND ND	ND ND
Chrysene	ND ND	ND #5,000	ND ND	ND ND	ND ND	ND ND	ND ND	4,400 J	ND .	220,000 E	270,000 E	ND	1,500 J	ND
hts(2-Estrytherythetalase Di-n-octytytetalase	ND	ND ND	ND	ND	ND .	ND_	, KD	ND	ND	ND CO	NB NB	ND ND	ND ND	ND ND
Benzu(b)thurambens	ND	ND	NB .	ND Vin	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND ND	ND	ND
Benzelk)fluoranthene	ND ND	ND ND	ND ND	ND ND	ND ND	NO NO	ND	ND	ND	ND	ND	ND	ND	ND ND
Benzi(a)pyrene Inders(1,2,3-ed)pyrene	ND	ND	ND	ND_	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Diberrary als jury braceres	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND_	ND	ND	ND
Benze(g.h.i)porylene 2, 3, 4, 6 - Tetrachkrophenul	ND ND	ND ND	מא	ND_	ND	ND	ND	ND	ND	NB NB	ND .	ND	ND	מא
	IOX DF	10 X DF	10 X D#	10 X DC	10 X DF	IOX DF	10 X DF							

Notes:
All results are preliminary and have any gone through any data review or validations process. Descreted concentrations are Bookled,
E.- Sample concentrations are Bookled,
E.- Sample concentrations exceeded the upper level of the calibration range.
J. Indicates the recorded via be is an extension.
B. Indicates analyse found in the associated method blank.
ND-I Indicates the analyse was smallyred for but not detected.
DF - Dilestice Factor.

Table 2 Preliminary Analytical Data Guzzmary Table - TCL SYUCs Superior Barrel and Drum Site September 2013

RST 1 Sample ID	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6206-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1	P001-DW-6017-1	P001-DW-6018-1	P001-DW-4021-1	Book Dres and a	T ====================================		
CLP Sample ID	BAZNI	BAZNY	BAZPO	BAZPI	BAZP9	BAZOO	BAZP2	BAZP3			P001-DW-6024-1	P001-DW-6035-2	P001-TW-6038-1	P001-TW-6038-2
Arre	Area05	Ares05	Area05	Ares06	Area06				BAZP4	BAZP5	BAZPE	BAZQ8	BB017	BBOIS
Sampling Date	9/18/2013	9/(6/2013	9/18/2013			Arra06	Ares06	Ares06	Arva06	Arredi	Ares06	Ares06	Area06	Ares06
				9/19/2013	9/18/2013	W1W2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013
Sample Matrix (Unit) Beruskir bek	Liquid Waste (ug/tg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg) ND	Liquid Wests (mg/kg)	Liquid Wests (ug/kg)	Liquid Weste (ng/kg)	Liquid Wests (ng/kg)	Liquid Wests (ag/kg)	Liquid Wests (ng/kg)	Liquid Wests (ag/kg)	Liquid Waste (mg/kg)	Liquid Waste (19/1g)	Liquid Wests (ug/kg)	Liquid Wests (ng/kg)
Phenol	ND ND	NO NO	J.400 J	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND.	MD ND	ND	ND	ND
Bis (2 Chloroethyl) ether	ND	ΝĎ	ND	ND ND	ND	ND	ND .	14,000 DN	ND ON	J.400 J ND	ND ND	ND ND	J6.000 J ND	16,000 J ND
2-Chlorophenol 2-Meshylphenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND .	ND	ND	<u> </u>	UND
2,2'-arybis(1-Chloropropane)	ND	ND	ND	ND	ND	- OX	ND .	DAD DAD	ND ND	ND ND	7D 7D	. D ND	ND	ND ND
Actophenone 4-Medin/phenol	ND ND	ND ND	1,600 BJ ND	22,700 B	ND .	ND	ND	17.000 B	13,000 B	4,200 BJ	, ND	1,400 BJ	ND ND	ND ND
N-Nitrogo-di-propostamine	ND	ND	ND	ND ND	XD	ND ND	ND ND	54.000 ND	ND ND	ND ND	ND ND	ND	ND	L ND
Hesachkonsethere	ND	ND_	7.0	ND	ND	ND	ND	ND	ND D	ND ND	ND ND	ND ND	ND ND	ND ND
Nitrobenzene Isoshujene	ND NO	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND.	ND	ND	ND .	ND O
2-Nitroefenol	ND	ND.	ND_	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	XD XD	ND ND	ND ND	ND ND
2.4-Dimethylohenol Bist2-Chloroethusylmethune	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND
1.4-Dichlosotherol	- GK	ND.	ND ND	ND ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	. ND
Nantalatere	ND ND	1.300.004 K	ND	20,000	ND.	ND	ND	ND.	7.300	ND ND	ND ND	ND ND	ND ND	ND ND
4-Chlomaniline Hexachlombutatione	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND_	ND.	ND	ND.	ND.	ND	ND ND
Cerrobatara	ND T	ND.	ND.	ND	ND .	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND
4-Chloro-3-methylahenol 2-Methylandrahene	ND.	7.J09.000 K	ND ND	ND #1699		ND	ND	ND.	ND	ND	ND.	ND ND	ND ND	20
He achonic contactions	ND	ND	ND ND	772-000 ND	XD XD	ND NO	ND ND	1,900 1 ND	150 T	ND	ND	ND_	ND	NQ
2.4.6 Trichteropherol	ND	ND	ND.	ND	ND	ND	ND	ND	XD	ND RP	20	ND ND	ND ND	ND ND
2,4,5-Trichlotophenol 1,1' Biphenyl	ND ND	ND 400,000		ND 5,500	ND ND	ND	ND	ND.	ND	ND .	ND	ND ND	ND ND	ND ND
2-Chloronephthalene	ND	ND	ND.	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND
à-Narouni îng Distephylekalishte	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND.	ND	ND	ND ND	ND ND	ND ND	ND ND
2.6-Disiuordusse	ND ND	NO.	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND		ND ND	ND ND	XD_	ND.	ND
Accreptativiene	ND.	מא	ND	ND	ND	ND	ND.	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.
3-Nitrouniline Accressiblene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ON	ND	ND	ND	ND ND	ND ND
2.4-DivisionNenol	ND	ND	ND .	ND ND	- ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND.	ND
4-Nutroberol	ND ND	NO	ND ND	ND.	ND	ND	ND.	ND	ND	ND.	. ND	ND ND	ND ND	ND ND
Diterrofusa 2.4-Dinisosoluste	ND ND	120.000 ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	20	ND C	ND ND	ND	ND ND	ND
Distributation	ND	ND	ND	18.000	ND ND	ND	170.000	ND ND	ND ND	XD XD	ND ND	ND 1600 RJ	ND	ND
Elegrena 4-Chlorophern-Lehenvlether	ND ND	300.000 ND	ND ND	4.600 J ND	ND ND	ND ND	ND.	ND	1,500 1	ND	ND.	ND ND	ND ND	ND ND
4-Nigrouni lim	ND	ND	ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND.	ND.	ND.
4.6-Divitio-2-methylorenol	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	DN D	ND ND	ND ND	ND ND	ND ND
N-Nimondiahenvlamina 1.2.4.5 Tetrachlombensone	ND ND	ND ND	ND ND	ND ND	22	ND ND	XD.	5.500 ND	ND	ND T	ND	NTD	14/000 1	14,000 1
4-Bromoehenvi-shawlesher	ND	ND	ND	ND.		ND.	ND	ND ND	DAD AD	ND ND	ND ND	ND ND	ND ND	NΦ
Heusehlorotenzene Annzine	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	70	ND	ND	ND	ND .	ND ND	ND ND
Pentachlorochenol	ND ND	ND	ND.	ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	730
Phenanthrone	ND ND	(,100,000);	ND	11,000	ND	ND	ND.	ND.	1,500 1	ND ND	11,000 J	ND ND	ND ND	XD XD
Anthracene Carterole	ND ND	130,000 ND	ND ND	1,200 J	7D	ND ND	ND ND	ND ND	ND	VD.	ND	ND .	ND ON	ND
DI-ti-hutyfphthalare	5.300	ND	D)	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Flooranthene Pyrone	ND D	ND	ND ND	ND ND	20	ND ND	ND	ND	ND ND	, ND		ND	ND ND	ND ND
Butvite naviolehabere	ND	T CTA	J.400 BJ	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	ND
3.1'-Deblorobenzelne	ND 77	ND NT	ND	ND	ND	ND ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
Bervotajandracone Classica	ND ND	ND ND	ND ND	ND.	ND ND	ZD ZD	ND ND	ND ND	ND	ND_	ND	ND	ND	ND
his/2-Eulwite syllohulukwe	1,600 J	QZ/	ND -	ND.	ND O	ND ND	ND	L400 J	ND ND	ND ND	ND ND	ND ND	7.0	ND
Di-n-cetylphthelate Derace(b)ffaceanthene	ND ND	ND ND	ND ND	ND N	ND	ND	ND	ND	ND.		ND	ND ND	ND ND	ND ND
Berrotk)(Igorgrahere	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND D
Benvolakovrene	9	ND	ND	ND	ND.	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
hdero(1,23-edhympe Dibenze(a)/isrsbracene	ND ND	ND ND	ND ND	ND ND	<u> </u>	ND -	ND	ND ND	ND	ND	ND	ND.	ND ND	ND ND
Benzala h. Dremiene	ND ND	ND.	ND.		ND ND	ND ND	ND.	ND	ND ND	ND ND	- ND	ND ND	ND ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ďγ	ND	ND ND	ND	ND_	ND ND	ND	ND.	ND ND	ND ND	ND ND	ND ND	NO NO	ND ND
											45		DM	lo X DF

Notes.

All results are pre-trained years have not gone through any data review or validation process. Descent concentrations are Beland.

B. Sample concentrations recentled the upper level of the calibration range.

J. Indicates the reported value is an estimate.

B. Indicates analysis found in the associated method blank.

ND - Indicates the snalyse was analyzed for but not detected.

DF - Debation Factor

Table 2 sary Analytical Date Seasonery Table - TCL SVOCs Separter Servel and Drum Site September 2013

RST 2 Sesule ID	P001-6-2001-1	P001-6-2002-i	P001-8-2003-I	P001-6-3001-1	P001-6-3001-2	P001-6-3002-1	P001-8-3003-1	P001-6-3004-1	P001-6-3005-1	P001-6-3006-1	P001-8-3007-1	P001-5-3008-1	P001-6-3009-I	P001-5-3010-1
I.P Sample ID	BAZON	BAZZS	BBOOO	BAZRO	BAZRI	BAZ-R2	BAZRJ	BAZZO	BAZYY	BOALO	BOAK4	BOAK9	BOAKS	BOAK5
		Area01		Arre0)	Arm03	Ares03	Ares03	Ares03	Ares03	Area03	Area03	Ares03	Ares03	Ares03
л.	Ares02		Are=01				9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/21/2013	9/27/2013
empling Date	9/20/2013	9/26/2013	9/26/2013	9/29/2013	9/20/2013	9/20/2013	<u> </u>				Sed (ng/kg)	Soil (mg/kg)	Sed (mg/kg)	Boll (mg/kg)
auple Matris (Unit)	Sed (ug/kg)	Sell (mg/kg)	Sell (mg/kg)	Soll (ng/kg)	Soil (ng/kg)	Soft (ng/kg)	Sall (ug/kg)	Soil (mg/kg)	6ntl (sqp/kg) 126 J	Soft (mg/tq)	310 1	976.7	ND.	ND.
enzaldebydy	ND	ND .	NB ND	ND ND	ND -	ND 426 J	1300	ND ND	ND ND	ND ND	ND .	ND .	ND	ND
thenol Ris (2-Chlomethyl) ether	24,500 Y. ND	ND ND	1 ND	ND ND	ND ND	ND	ND	ND	ND	ND.	ND .	ND ND	ND ND	ND ND
-Chkrophenol	ND	ND	KD.	ND	ND	ND NO	ND ND	ND ND	ND ND	ND ND	ND ND	- NB -	ND	ND
-Chlaropherol -Mathylpherol 2'-anylos(i-Chlaropropene)	ND ND	ND ND	ND	ND_	ND ND	1 de 1	ND	ND ND	ND	ND	ND	ND	ND .	ND ND
Locio phenone	117,000	ND	ND	340 J	610.3	420 J	520 J	ND	ND ND	ND ND	ND ND	KD KB	ND ND	ND ND
-Metrylphenol	ND ND	ND ND	ND NO	ND ND	ND ND	450 J	670 J	ND ND	ND ND	ND ND	ND -	ND	ND	ND
-Nimoso-di-n-propytaming	ND -	ND ND	KD -	ND	ND ND	ND ND	ND ON	ND.	ND	ND	ND	ND	ND ND	ND ND
itrohenzene	NB	ND	NO.	ND	ND .	ND .	ND C	ND ND	ND ND	ND ND	KD KD	ND ND	NB	KD .
ophoeone .	NB NB	ND ND	ND ND	ND ND	60,2000 Y: ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND .
Nitropherol A-Dissetyfoherol	NB NB	ND ND	ND ND	ND	ND	KD	ND	ND	ND	ND .	ND ND	ND ND	ND ND	ND ND
is 2 Chloroethoxy) methana	ND	ND	ND.	ND.	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ΝD	ND	ND
4-Dich (neoghpuo) apite halone	ND 39,000 E	ND ND	ND ND	ND ND	ND ND	ND ND	ND	מא	ND	ND	ND .	ΝĎ	ND	ND ND
Chlorosniting	NO	ND	ND	ND_	ND	ND	ND O	ND	ND	ND ND	ND ND	ND ND	ND ND	ND -
exachterobatadiene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	טא	ND ND	ND .	ND	ND ND	ND ND	ND
aprobotam Chiuro-3-methylphenol	ND ND	ND ND	ND ND	מא	T ND	ND	- 8b	ND	ND .	ND .	ND .	<u> </u>	ND ND	ND ND
-Met by franch t hallene	51,000 V.	ND	ND.	ND .	ND .	ND	340 J ND	ND ND	ND ND	ND ND	376 1	8D	ND ND	ND :
etachbrocyc bpentadiene A.S. Trichbrophenol	ND D	NB NB	ND ND	ND ND	ND ND	ND ND	- NB -	ND -	ND ND	ND _	1 10	NO .	ND	. ND
43-Trichbropherol	NB C	ND	ND	ND	.ND	ND	ND ND	ND .	ND .	ND ND	ND ND	ND ND	ND ND	ND ND
l'-Biphenyl	1,300	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND -	ND ND	ND .	ND
Chloronsphila lene Nitransilan	ND ND	ND ND	ND ND	ND -	ND ND	<u> </u>	ND -	ND	ND	ND	ND	ND ND	ND ND	ND ND
enetrylets beto	X60 J	ND .	ND	KD.	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .
.6-Dinimotoluena	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	120 1	617	ND ND	ND .	ND	מא	ND .
cerniphthylene Nitrosmiline	ND ND	₩ <u>₩</u>	ND	ND "	ND	ND	ND	ND .	ND	ND	ND ND	ND ND	ND ND	ND ~
cera philiane	ND	ND	ND	ND	ND .	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
4-Dinitrophenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND	ND	ND	ND .	NB ND	ND ND
Niropherol historifican	ND	ND .	ND	מא	NO NO	ND	ND	ND ND	ND ND	ND ND	ND NB	4.000 STD	- UN	ND ND
4-Dimitrotokiene	ND .	ND ND	ND 44,000 J	NB NB	ND ND	ND 980	ND 42,000 F.	ND -	ND -	NB	SEQ J	ND	ND ND	400 J
hict bylyte helerg	7,306	ND.	ND	ND	ND ND	ND	ND .	ND	ND	ND	ND	ND ND	ND ND	ND ND
Chlorophenyl-phenyl ether	םא ו	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND -	ND
Nimanita	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	kD	ΝĐ	ND ND
6-Diniuro-2-mathylphenol Niscosodipharyhanina	1,400	ND ND	ND	ND	ND	ND	610 J	ND	ND .	ND	ND ND	510 J ND	ND ND	ND ND
2/4.5 Tetrachbrohenzene	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	ND
Bromophenyl-phonylether exachbrohenzene	ND ND	ND ND	ND ND	ND UN	NP _	ND .	ND .	ND	ND	ND	ND	ND	ND ND	ND ND
razine	ND	_ ND	ND.	ND.	ND T	NB	ND (9)	ND :	ND ND	ND ND	ND ND	ND ND	ND THE	ND
entachkropherol	ND 2,500	ND ND	ND ND	ND ND	ND ND	NB NB	ND ND	ND ND	NB	KD C	396 /	ND	ND	ND
rement frome ret fraceme	206 J	ND	ND	ND	ND .	ND	ND ND	150 J	ו נו	ND ND	ND ND	ND ND	ND ND	ND ND
arbazole	מא	ND:	ND .	ISÓ J	ND MA	ND 12,000	4,900 75,000 f.	ND 150 J	NB ND	ND ND	23.000	1,40\$ J	ND	1,100
i-o-butylphthalate	6200 370 J	18700 1 - ND	69,200 ND	\$1 0 J	400 J 270 J	17400 ND	. שא	100 3	110 3	ND	640 J	XD.	ND ND	ND ND
noranthene rune	ND.	13,000 J	ND .	1,000	1,500	ND	ND .	149.1	937	ND ND	640 J ND	ND ND	ND ND	ND ND
ztylbenzylphthaleie	4,500	71,000	ND ND	ND ND	ND ND	100.000 Y. ND	2,300 ND	ND ND	ND ND	ND ND	NO ON	ND ND	ND	XD.
P'-Dichtorobenzidine rusz (a)ent hracene	ND ND	ND ND	ND	ND	430 J	ND	ND	ND	7(1	ND	389 4	NB ND	ND ND	NB ND
tylene	NO	12,000 J	ND ND		480 J	ND	ND .	150 J ND	75 J ND	ND ND	440 J 3,800	1,500 J	4,400	ND .
s(2-Echylhexyl)ghuhabte)3,000 V.	70,000 ND	30,006 J ND	ND ND	9,100 ND	71,000 F.	31,800 F. ND	ND ND	ND ND	ND	9,800 ND	ND ND	KD	ND_
i-n-octylyhthelate enac(b)ffuorambene	ND .	15,000 J	ND ND	ND	790 J	ND	ND)50 J	110.3	ND ND	ND ND	ND ND	ND ND	ND ND
enze(k)Guoranthesse	No	ND	ND	ND ND	440)	ND ND	ND ND	160 3	65.1	I ND	ND ND	ND .	ND	ND
ruzc(a)cyrene	ND ND	ND ND	ND ND	ND 329 4	1,400 426 J	ND -	ND	167	ND .	ND	ND .	ΧD	ND ND	ND ND
dem(1,2,3-cd)pyrme henre(a,b)enthraceng	ND ND	ND_	ND.	סא	ND	KD	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
enze(g.h.l)porylene	ND	ND	ND_	930 J	1.500	ND ND	ND ND	140 J NB	ND NB	1 NB	ND ND	ND	Nb	ND
3, 4, 6 - Tetrachlorophenol	ND .	IOX DF	IOX DF	ND	- מא	עא	L ND	1.00	1.55	10 X DF	10 X DF	10 X DF	IOX DF	10 X DF

Notes
All reads are preferringly and have not gone through any data review or validation process.
Descard concentrations are Bedded.
F- Sample concentrations exceeded the upper level of the calibration range.
J- Indicates the reported wheir is an estimate.
B- Indicates the reported wheir is an estimate.
D- Indicates analyse Doard is the associated method blank.
DJ- Indicates the subject was analyzed for the not detected.
DF- Dilution Factor.

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Table 2 Preliminary Amelytical Data Baumany Table - TCL SVOCs Superior Burrel and Dram Site September 2013

Berne Lin	Page C vote :	Productions:	I	T			,							
RST 1 Sample ID	P001-6-3011-1	P001-5-3012-1	P001-5-3013-1	P001-8-4001-1	P001-8-4002-1	p001-2-4003-1	P001-8-5001-1	P001-6-5002-1	P001-S-5003-1	P001-6-5004-1	P001-S-5005-1	P001-8-6001-1	P061-S-6002-1	P001-5-6001-1
CLP Semple ID	BOAK?	BOANG	BAZYE	BB001	BB002	BB003	BAZZI	BA27.2	BA7.73	BAZZ3	BAZZ4	BAZR4	BAZRS	BAZR6
Arte	Area03	Area03	Art #03	Arra04	Arre04	Arre04	Arre05	Arri05	Area05	Area05	Ares05	Area06	ArreOs	Arra06
Sampling Date	9/27/2013	9/21/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/20 LJ	9/26/2013	9/26/2013	9/24/2013	9/29/2011	9/20/2013	9/29/2013
Sazople Matrix (Unit)	Soil (agAg)	Soll (ng/kg)	Soll (ng/kg)	Soli (ng/kg)	Soil (ng/kg)	Soll (ng/kg)	Soil (mg/kg)	Soft (mg/kg)	Soil (ng/kg)	Gold (mg/Ang.)	Soil (ng/kg)	Soil (ngAg)	S=0 (mAx)	
Bevralde locks	ND ND	ND	130,000 E	ND.	ND	ND	. 61	ND	ND	ND	ND.	ND	ND ND	Sell (ng/kg)
Bis (2-Chlomethyl) ether	ND	3200 ND	870 ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND ND	ND	1,200 2	ND.
2-Chlorophenol 2-Meshylphenol	ND ND	ND ND	ND	ND	ND	ND.	I ND	ND ND	L ND	ND ND	ND ND	ND ND	ND ND	ND ND
12' cs(ybis()-Chloropropens)	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND		ND ND	ND	ND.	. ND	ND	ND
Acrophenene	ND .	ND	ND.	7,600	ND	LND	I40 J ND	ND ND	ND ND	ND ND	ND ND	ND 40.1	ND 100,000 V.	ND
4-Methylphenol N-Minno-di-n-conviguing	ND ND	1.600 J	ND ND	ND ND	ND ND	ND ND	ND ND	ND	L ND	ND	ND	ND	ND	ND ND
Hexachloroethane	ND O	ND	ND .	ND ND	ND O	ND ND	ND -	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .
Nirrobersene Isophyrane	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	L ND	ND	ND ND	ND ND	ND ND	ND ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND.	מא	NΦ
2.4-Dimethylograf Big2-Chloroghosylmethane	ND ND	ND ND	ND	ΝD	ND	ND	ND	ND	NO .	ND ND	ND ND	ND ND	ND ND	ND ND
2.4-Dichletocherol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	7.0	ND	ND	ND	XD	ND ND
Nantulaire	510 J	ND	ND.	ND	ND	ND	77.1	ND ND	ND ND	ND ND	ND ND	ND ND	ND 340,000 E	ND
4-Chlomaniline Hexachloroburations	ND ND	ND ND	ND ND	ND .	ND ND	ND ND	ND ND	ND ND	ND	ND	, ND	ND.	ND.	ND ND
Caprolecture	ND	ND	ND	ND	ND.	ND	ND ND	ND SD	ND ND	ND ND	ND	ND ND	ND	ND:
4-Chloro-1-methylahonol 2-Methylaudultalene	ND 1,100 J	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND
Hesachbrocyclorentatione	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND ND	ND ND	ND ND	ND ND	ND ND	15,000	ND.
2.4.6-Irichbrorherol	ND.	ND	ND.	ND .	ND	ND	ND	ND ND	L ND	ND -	ND ND	ND ND	ND ND	ND ND
245-Trichbropherol 1,1'-Bapharyl	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND .	ND	ND	ND .	ND ND
2-Chloronaphtholene	ND	ND ND	ND	ND	ND	ND	ON ON	ND ND	ND ND	ND ND	ND ND	ND ND	1,000	ND
2-Nangaraking Dimerbylphabalase	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND.	ND ND	- AD	ND ND	ND ND
1,6-Dimitrotologng	, ND	ND	ND	ND -	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND	מא
Accessibilities	ND ND	ND ND	ND ND	ND ND	NU	ND	L400	ND	J.600 J	. 1100	ND	ND ND	ND ND	ND ND
Acertachthene	ND ND	ND ND	NO NO	ND ND	ND ND	ND 879 J	ND 230	ND ND	ND ND	ND	ND	ND	된	ÜN
ZA Dinitrophenol	, KD	ND	ND	ND	ND	ND .	ND.	ND	ND ND	SM I	ND ND	ND ND	ND ND	NO.
4-Nitrocherol Diberzofsson	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 77.J	ND ND	ND	ND	ND	ND	ND ND	ND ND
2.4 Distratolarre	ND	ND ND	ON	ND	, ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	<u>M</u>	ND ND	ND ND
Dischvishshalare Eksprens	ND ND	ND ND	XD XD	ND ND	1.600 1	ND	ND	ND	ND "	ND	ND	ND ND	- XD	ND ND
4-Chlorophern4-shorn4 ether	ND	L ND	ND	ND	ND.		ND.	ND ND	580 J ND	ND ND	ND 840 J	ND .	ND ND	ND
4 Nameraline 4.6-Dinitro-2-methylphenol	ND ND	ND ND	ND ND	ND ND	ND.	N N N	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND
N-Nitrosperiohenylamine	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND		ND	ND.
1243 Tripoble phorage	ND.	ND	ND	ND.	ND	NO	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND
4-Bromodensk-phosyletter Heuschlosoberwere	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND .	ND	ND		ND ND
America	ND	ND .	ND.	ND_	ND.	ND	ND .	ND	ND ND	ND ND	ND ND	29	ND ND	ND
Persocharocherol Photoscharoc	ND ND	ND ND	ND.	ND ND	ND ND	ND.	ND	ND	ND	ND	ND	ND	ND ND	ND ND
Antifecene	ND	ND	420	ND	ND	3,700 790 J	3,500 F. 3,200	ND ND	4,100	6,100 4,500	5,700 3,400	ND.	ND	36.1
Cartezole Di-o-busylshebalare	1,200 J	ND 560 J	J.000	ND ND	, ND	ND	340	ND.	ND	740 J	ND I	ND ND	ND ND	ND ND
Phoranthene	ND	ND.	770	ND ND	ND ND	ND L400 J	57.5 6.800 K	ND ND	ND	ND T	ND.	120 J	2,700 ND	140 2
Printe	ND	ND		ND C	ND	J.500 J	4.100 K	_ ND	5,900 5,300	9,300	8,900 3,700	ND ND	ND ND	160 J
Burdistavlakhdare 1.3'-Dichkrobenziéne	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	L ND_	ND	ND .	ND	ND	8) 1
Betterof alters/braccone	ND	ND	440	ND	ND	700 J	3800 E	ND ND	ND 3600	A.500	ND 4,900	ND ND	ND	ND.
Chrysere bis/2-Eshylhesyllohahukae	ND 21,000	ND L600 J	590 3.800 E	ND 53,000 E	ND ND	910 J	3.100 E	ND	3,300	6.800	5.300	ND ND	ND ND	70.1
Di-n-ocn/ph/hytare	ND	ND	7400 K	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	. 870 J	170.1	3,600	- 56 J
Berard billionarchera	ND	סג		מא	ND	ND	3.600 E	ND	3,800	1900	ND SJ00	ND ND	ND ND	ND
Berred killuoranshene Berred alowrene	ND ND	ND ND	430 240 J	X1	ND ND	ND	1,300	ND	2,000	4.300	3,500	ND	ND	- K1
indeput 23-cohovrene	ND	ND	×	ND ND	ND.	470 J ND	2900 E	ND ND	7400 T	6,900 4,200	5.700 3.800	ND	ND	61
Diterrofationsbraces Berealatables view	ND ND	ND ND	ND	ND.	ND	ND	450	. ND	90.1	1,100 1	770.4	ND ND	ND ND	45.1
2, 3, 4, 6 - Tetrachiotophenu	ND ND	ND ND	ND ND	ND ···	ND ND	ND ND	. j.300 ND	ND ND	1500 J ND	4,000	2.00	ND	ND	H
	IO X DF	10 X DF		IO X DF	IQ X DF	10 X DF	1312	IO X DF	IO X DF	ND ND	IO X DF	ND	ND	ND
•											W OF DE			

Notes:
All results are parliminary and have not gone through any data teview of validation process.
Descreed concentrations are Baldad,
E. Sample concentrations exceeded the upper level of the calibration range.
J. Indicates the expansed who is an estimate.
B. Indicates studyte found in the associated method blank,
ND - Indicates the analyse was analysed for but not detected.
DF - District Factor

Table 2 Preliminary Analytical Data Summary Table - TCL 5VOCs Superior Barrel and Drum Site September 2013

CLP Sample ID Area Sampling Date Sampling Date Sample Matrix (Ustr) [broaddards Phono Cathonaldy) after 25 Table Vision 3. Matrix (Date) 4. Matrix (Date) Namon dispranylanin [faca Marchine Namon dispranylanin [faca Marchine Namon dispranylanin [faca Marchine Sambling Sambling	P001-5-4000-1 BAZET BAZET BAZET BAZET BE GENERAL SEG LEGRER ND	P001-6-4005-1 BAZY3 Area06 9724/2013 Sed (mykg) NO NO NO NO NO NO NO NO NO N	P001-0-6000-1 BAZY4 Artendo Artendo	P001 6-6006-1 BAZZS Aven06 976/2013 Sed1 (my/tg) ND ND ND ND ND ND ND ND ND N	P001-8-4007-1 BAZZA Arends 97427013 56d (mp/la) ND ND ND ND ND ND ND ND ND N	P001.9-4000-1 BAZV3 Aret06 97:4/2013 Sed (reg/tg) 7,300 ND	F001 6-7001-1 BAZYS Art=07 9'24'2013 5od (mg/kg) ND ND ND ND ND ND ND ND ND N	### PDB - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	P001-6-7003-1 BAZY7 Area07 9756/2013 5-01 (ng/kg) ND ND ND ND ND ND	P001-5W-1001-1 BB019 Area01 9:7172013 Surface Water (ug/L) ND ND ND ND	P001-5W-3001-1 BB020 Ares03 9/17/2013 Serface Wider (ug/L) ND ND ND	P001-5W-3001-2 BB0E1 Ares03 \$12172013 Sourface Water (og/L) ND ND ND	P001-5W-3002-1 BB052 Area(3) 9/27/2013 Surface Water (ng/L) 3.9 3 ND ND	P001-5W-4001-1 BB0E3 Area06 9/27/2013 Sterface Water (ng/L) ND ND
Area Samphing Date Samphing Marint (Udit) HeronAchryla Phenol Bird (2-C bronchyl) other 2-C bronchyl) other 2-C bronchyl other 2-C whyle (Uditorpropins) Accorphomote 4-Machylbernol N.Ninou ed in propysming Higuar bronchydra Ninobeuren Higuar bronchydra Ninobeuren Linghunge 2-Ninobeuren Linghunge 2-Ninobeuren Linghunge 3-Ninobeuren Linghunge 4-Himathylphenol	Arvite 924/2011 Sed (raykg) Se	Ared5 976/2013 Sed (up/g) ND	Ared6 926/2013 Self (ng/kg) ND	Areoló 9/26/2013 Sed (m/hg) ND	Area66 9726/2013 56d (mg/hg) ND	Area06 9/26/2013 Sed (mg/kg) 7,500 ND	Aread7 9/26/2013 Soil (hag/hg) ND ND ND ND ND ND ND ND	Armi07 9/24/2013 Soil (ng/hg) NB ND ND ND	Ares07 975/2013 Soll (mg/kg) ND ND ND	Area01 9/27/2013 Surface Water (ug/L) ND ND ND	Area03 9/27/2013 Surface Water (ug/L) ND ND	Ares03 9/27/2013 Sourface Wester (ug/L) ND ND ND	Aresit3 9/27/2013 Simface Water (ng/L) 3.9 3 ND ND	Aresi06 9/27/2013 Starface Water (sag/L) ND ND ND
Sempling Date Sample Matrix (Uat) Bernalchrych Phonal Bis (24: husochy) at her 24: chropeban 1 Methylphenn 1 Methylphenn 2 Zel carpbud (Chleropropane) Accorphenone 4-Methylphenn 1 Nitrous di paporytening (Injunchinoroberne) Nitrous di paporytening (Injunchinoroberne) Nitrous di paporytening (Injunchinoroberne) Nitrous di paporytening (Injunchinoroberne) Nitrousene 2-Nitrophenone 2-Nitrophenone 3-Nitrophenone 3-Nitrophenone 3-Nitrophenone 4-Nitrophenone 3-Nitrophenone 4-Nitrophenone	926/2013 500 (m/kg) ND ND ND ND ND ND ND ND ND N	9/20/2013 Self (mg/kg) ND ND ND ND ND ND ND ND ND N	920/2013 Sed (sayley) ND	976/2013 Sed (19/14) ND	#26/2013 Soid (mg/kg) ND	974/2013 Sed (mg/kg) 7,860 ND ND ND ND ND ND	9726/2013 Soid (vg/kg) ND ND ND ND ND	974/2013 500 (ng/kg) ND ND ND ND	9/16/2013 Soid (mg/hg) ND ND ND ND	9/37/2013 Surface Water (ug/L) ND ND	9/27/2013 Senface Water (ug/L) ND ND ND	9/27/2013 Sourface Water (ug/L) ND ND ND	9/27/2013 Surface Water (ng/L) 3,9 3 ND ND	9/27/2013 Surface Water (mg/L) ND ND
Sample Matrix (Uds) Herozákhozá Februal Bis (2-Chunchy) a bes Ercharoptenu Matrychenu 2-Carphar (Chinopropana) Accorphonose Maltychenu Namous di paporytunina Higua himoshora Li Hi	Soil (mg/kg) Sid (mg/kg)	Sed (m/kg) K0 K0 K0 K0 K0 K0 K0 K0 K0 K	Sed (mg/kg) KD KD KD KD KD KD KD KD KD K	Sed (mg/kg) KD KD KD KD KD KD KD KD KD K	Sod (mg/kg) ND	Said (ng/hg) 7,800 ND	Soil (tag/kg) ND ND ND ND ND ND ND	Soil (ng/kg) ND ND ND	Soll (mg/tq) ND ND ND ND ND ND	Surface Water (ug/L) ND ND ND	Serface Water (ug/L) ND ND ND	Surface Water (ug/L) ND ND NO	Surface Water (ng/L) 3,9 3 ND ND	Surface Water (ng/L) ND ND ND
Hernaklabeh Pfennel Bie (2-Chaneshy) si ber 2-Chlaneshy) si ber 2-Chlaneshy) si ber 2-Chlaneshy) 3-Methyldene) 3-Methyldene) 3-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 4-Methyldene) 1-Methyldene) 1-Methyldene) 1-Methyldene) 1-Methyldene) 1-Methyldene) 1-Methyldene) 1-Methyldene)	ND N	ND N	KD KD KD KD KD KD KD KD KD KD	ND	ND ND ND ND ND ND ND	7,860 ND ND ND ND ND ND	ND ND ND ND ND	NB ND NB	ND ND ND	ND ND ND	ND ND NB	ND ND	ND ND	ND ND
Pheno Beig (2 Ch totocky) is the 3 Chicrophens 3 Chicrophens 3 Copyling (2 Chicrophens) Accion become 4 Machy Pheno Nationaries Hearth Pheno Nationaries Hearth Pheno Beight (2 Chicrophens) Nationaries Hearth Pheno Beight (2 Chicrophens) Beight (2 Chicr	NO	ND N	KD KD KD KD KD KD KD KD	ND ND ND ND ND NO ND	ND ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Bis(AC bisockly) is the EC bisockly) is the EC bisocytenu) EM clay pleasu EM clay	80 80 80 80 80 80 80 80 80 80 80 80 80 8	ND N	ND N	ND ND ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND	ND ND	מא מא	ND D	NB	NO .	ND	ND
I-Charopheni I-Mohybeni 2,2 - onybe(I-Gloropropins) Accorphonose 4-Mohybeni N-Neuwed in propylaning (Ilean-Muscohyma) Narobusten (Ilean-Muscohyma) Indybusten I-Manopheni I-Manopheni I-Manopheni I-Manopheni I-Manopheni I-Dimanybeni	ND N	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND NO ND ND	ND ND ND ND	ND ND ND	ND ND	ND	מא					
2-Mahyteben 222 onybul (Chlorprepans) Accorphonose (-Mahyteben) N-Nrow dispropriming ([jaar-hincoshorpe Nirobeare Ingeliane Englane 2-Nirobeare 2-Nirobeare 4-Honelythere)	ND N	ND N	ND ND ND ND ND ND	ND ND ND ND	ND ND	ND 1,100		- 85			ND	■ ND	ND	I ND
Acetyphonose 4-Mellytherol N-Nino a-d-is-propyramina [[]_eacharocoden Ninobeaures []_eacharoce 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures 2-Ninobeaures	ND	ND NB ND ND ND ND NB NB	ND ND ND ND ND	ND ND ND	ND ND	3,100	I ND '		ND ND	ND	ND	ND	ND D	ND
4-Mathylphenol N-Nisone-di-p-propriaming (Iguarhinochune Nisrobenures Inyrhunes 2-Nisrobenol 2-Nisrobenol 2-Nisrobenol 2-Nisrobenol	ND ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND	ND ND	ND		ND:	ND	ND ND	KD T	KB	ND ND	ND 5.5	ND ND
Hear hirosthane Niarobenarie Isophone; 3-Niarobeno) 2-Dimethylpherol	ND ND ND ND ND ND	ND ND ND	ND ND	<u>VD</u>	VIN.	ND.	ND	ND	NO	NB	ND	ND	ND .	ND
Nitrobensene isophomus 3-Nitrophom) 24-Dimethylphom)	ND ND ND ND ND	ND ND	KD .			NB	ND ND	ND	ND	ND_	ND	ND	ND.	ND ND
Isophimore 2-Ninophenol 24-Dimethylphenol	ND ND	ND ND	Nn	ND	NB NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,4-Dimelylpherol	ND ND			ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND.	ND
21 2 21	ND.	ND I	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Bis(2-Chloroethoxy)methane		ND	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	- AD	ND ND	ND	ND ND	ND ND
2,4-Dich brophenol	ND	ND	ND	ND	מא	ND	ND	ND	ND	ND	ND	ND .	ND .	ND
Naphthalene 4-Chlorospi ime	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Hexachbrobutadiene	ΝĎ	ND	ND	ND	NP	ND NO	ND	ND	NO .	ND	ND	ND	ND	ND
Caprobetam 4-Chloro-I-mathylybenol	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND CO	ND	ND ND	ND	ND	ND ND	KD.
2-Methylasphthalesq	ND ND	ND .	ND ND	ND ND	ND 3,500	מא	ND ND	ND ND	ND ND	ND ND	NB NB	ND ND	ND ND	ND ND
Hexachbrocyclopertadiene	ND.	ND I	ND	70	NO NO	KD.	ND	ND	_ ND	ND	ND	ND	ND.	ND
2.4.6-Trich brophenol 2.4.5-Trich brophenol	ND .	ND ND	ND ND	NB ND	NB NB	ND ND	ND NO	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,1 -Boheryt	ND	ND I	ND.	מא	ND ND	ND.	- 30	ND ND	ND CK	ND	ND ND	ND.	ND.	ND ND
2-Chloromaph halene 2-Nitroani fine	ND NO	ND ND	ND ND	ND ND	ND	ND ND	ND ND	NB	פֿא	ND	7/0	ND .	ΝĎ	ND ND
Disnethylob to hise	ND -	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NB ND	80	ND
2.6-Dizitrotokiene	ND.	KD D	ND	ND	ND D	ND	ND	ND.	186	ND	NO	ND .	NB	ND
Accomplishylene 3-Nitroaniline	ND ND	ND ND	ND ND	13,006 J ND	ND ND	ND ND	ND ND	ND ND	1.160 J ND	ND ND	ND ND	ND ND	ND ND	ND ND
Accreptations	ND ND	- ND -	ND ND	ND ND	KU	ND ND	ND .	ND ND	- <u>KD</u>	80	מא	NB	ND ND	ND
2,4-Directorphenol	ND	NB C	ND ND	- ND	ND	ΝĎ	ND .	ND	ND	ND ND	ND	ND	ND	ND
4-Niprophenol Dibenophuan	ND NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	NB NB	ND ND
2,4-Dirittotolaene	NB	ND	ND .	NB	מא	ND	ND ND	ND	ND -	ND	מא	ND	NO NO	: ND _
	ND ND	ND ND	ND ND	ND	ND.	NB	NB NB	ND .	ND .	ND	ND D	86	ND	ND ND
	<u> </u>	ND	ND ND	ND ND	ND ND	ND ND	NO NO	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
4-Nitronniline	ΝĎ	ND	ND	ND.	KD	ÑĎ	ND	מא	ND	ND	ND .	ND	ND	ND
	ND ND	סא סא	ND ND	ND ND	ND ND	ND ND	KD KD	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,4,5 Tetrachiosolerzene	ΝD	NO I	ND CK		ND ND	ND	ND DND	. ND	ND	ND ND	ND ND	ND	ND ND	ND
4-Brumophenyl-phenylether	ND	KD I	ND ND	מא	ND	ND	ND ND	ND .	ND	ND NO	ND CA	ND ND	ND .	ND.
	ND NB	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND
Pentachbrophenol	KD	ND D	_ ND	ND	ND .	ND	ND	ХD	ND .	ND	ND	ND	NB	ND
	ND ND	ND ND	ND ND	ND 15,000 J	ND NO	ND ND	ND	NB T	ND ND	ND ND	ND ND	ND ND	ND	ND ND
	ND ND	ND ND	ND NB	15,000 J	ND	ND ND	ND NB	ND ND	ND ND	ND NB	ND ND	ND ND	ND ND	ND ND
Di-n-butytehthalate	ND D	ND	ND ND	ND	ND .	ND	ND.	ND	ND	1.1	7.3	7.1	13	6.7
	ND ND	ND ND	ND ND	17,666 J 16,000 J	1.800 6.300	780 1	ND NB	ND ND	1,600 J 1,500 J	ND	ND ND	ND.	ND ND	ND ND
Butyfrenzylphthalate	ND	ND CM	NO I	ND .	ND ND	7.0	ND ND	ND ND	ND	ND ND	ND	ND	ND ND	ND
	KD	ND C	KB	ХD	NB NB	ND	ND.	ND.	ND.	NO .	ИD	ND T	NB	ND .
	ND ND	ND ND	ND ND	13,200 J 15,000 J	1,800 J 2,300	ND ND	NO NO	ND ND	1,100 /	NB NB	, VD , VD	ND ND	ND ND	ND ND
bis(2-Ethylhexyl)phthsbae	KD.	KD N	מא	17,000 J	630.7	2.500	KO	ND.	1.600 3	22	ND	ND	נבני –	T ND
	ND ND	ND ND	ND ND)()(00) J	ND 1300	ND ND	ND ON	ND ND	ND	ND ND	701	ND ND	ND NO	ND ND
	ND ND	ND Î	ND ND	7,900 J	9#0 J	ND	ND ND	ND ND	1,000 J	ND ND	מא	ND	ND ND	ND ND
Benzo(a)pyreno	ÑĎ	NO	ND	19,000 J	1,500 J	ND	ND	ND	1,500 J	ND	ND	ND	ND	ND
	KD T	ND ND	ND ND	18,000 J ND	990 J ND	ND ND	ND ND	ND ND	1,100 J ND	ND ND	ND ND	ND ND	ND ND	ND NO
Henzu(g.h.i)posylene	ND NO	KD	ND	17,000 J	1,000 J	ND	ND ND	ND ND	L 000,1	ND ND	D D	ND	ND ND	ND
	KD.	ND .	NБ	ND IOXDF	ND IOXDF	NB IOXIDE	ND 16 X DF	ND IOXOF	ND 10 X DF	ND NO	NΒ	ND	NB NB	ND .

Notes:
All results are preliminary and have not gone through any data review or validation process. Decoard concentrations are Bubbed.
B. Sample concernations are the blad.
B. Sample concernations exceeded the space level of the calibration range.
J. Indicates the reputed value is an endown.
B. Indicates market found in the exercised method blad.
ND - Indicates the analyte was analyted for but not decoard.
DF - Obtained forces.

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Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Berrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
										2.000	BAZT5
CLP Sample 1D	BAZSS	BAZS6	BAZS7	BAZS8	BA7.59	BAZTO	BAZTI	BAZT2	BAZT3	BAZT4	BAZIS
Ares	Arve01	Area01	Ares01	Ares01	Area() [Ares01	Ares01	Ares01	Ares01	Area01	Ares01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Metrix (Unit)	Liquid Weste (ug/leg)	Liquid Weste (ng/kg)	Liquid Waste (ug/leg.)	Liquid Waste (og/kg)	Liquid Weste (ug/leg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ng/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Wests (ug/kg)
alpha-BRC	190 19	ND	ND	67 P	ND CIN	ND	ND	53 P	DND	ND	ND
beta-BHC	63 P	ND	110 P	ND	78 P	ND	ND	64 P	ND	ND	ND O
detta-BHC	ŇD	ND	110 P	130 P	ND	59 P	. ND	340 P	ND	310 P	ND
gamma-BHC (Lindane)	ND	ND	ΝĎ	ND	ND	ND	ND	70 P	ND	מא	ND
Heptachlor	ND ·	ИĎ	83 P	ND	ND	58 P	ND	180 P	ND	4,100 PE	ND
Aldrin	מא	ИЙ	ND	ЙD	ND	ND	ND	XD	ND	530 P	ND I
Heptachlor epoxide	ND	ÜNÜ	ND	ND	ND	ND	ND	T ND	ND	1,100 E	NO
Endosul@n I	ND	ND CIN	ND	מא	ND .	170	ND	ND	ND	110 P	· ND
Diektria	T ND	ИD	ND	ND	ND	ND	ND	ND	ND	1,500 PF	'ND
4,4'-DDE	lbo P	ND	ND	DM	ND	. מא	ND	ND	ND	B40 P	ND
Endrin	ND	ND .	ND	ND	ND	320 P	ND	ND	ND	ND	ND
Endosulfun 🛘	ND	ЙĎ	ND	ŃD	ND	ND	ND	ND	ND	6,200 P.E	ND.
4.4'-DDD	ND	ND	ND	מא	ND	ND	ЙD	140 P	ND	11,000 B	ND
Endosulfan sulfate	ND	ND CIN	ND	ND .	ND	ND	ND	140 P	ND	780 P	מא
4,4'DDT	ND	מא	ND	ND	ND	מא	ND	ND	ND	970 P	ND ON
Methoxychlor	ND	ИD	ΪΝD	, ND	ND	560	ND	420 PJ	ND	7,000 P	ND
Endrin ketone	ND	ND	ΝĎ	ND	MD	ND	ND	סא	DM	170 P	ND
Endrin aldehyde	NU	D CIN	ND	D D	ND ON	210 P	ND	ND	ND	7,000 PE	ND
alpha-Chlordane	ND	D CIN	61 P	62 P	ŒΚ	ND	ND	ND	ND	740 PE	ND
gamma-Chlordane	ND _	ND	85 P	67 P	מא	ND .	ND	1,900 E	ND	530 P	ND
Foxephene .	ND ND	ND ND	ND	ND	ND	ND	ND '	ND.	ND .	ND	ND

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1034-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZ17	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ1	BAZQJ
/Las	Ares01	Ares0l	Ares01	Ares01	Ares01	Ares01	Ares01	Ares01	Ares03	Ares02	Ares01
empling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/13/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
ample Matrix (Unit)	Liquid Weste (ug/kg)	Liquid Waste (ng/kg)	Liquid Wests (ug/leg)	Liquid Wests (ug/kg)	Liquid Weste (ug/lig)	Liquid Weste (ug/liq)	Liquid Weste (og/kg)	Liquid Weste (ug/lag)	Liquid Waste (ug/lig)	Liqeid Weste (ug/kg)	Liquid Weste (ug/kg)
lpha-BHC	ND	מא	ND	ND	ND	מא	ND -	ND CIN	ND	NO	ND
cta-BHC	ND	מא	ND	ND	ND	ND D	מא	GK GK	ND	. אס	ND
eta-BRC	ND	מא	ND	ND	ND	ND	ND	ND CR	ND	ND	110 P
amma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND
feptachlor	ND	ND	ND	ND	ND	ND ON	ND	ND	ND	ND	T ND
Ndrin	ИD	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND
leptachlor epoxide	ďΩ	ND	. ND	ND	ND	' ND	ND	ND	MD	D G	ND
indopulfan I	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND
Neldrin	ND	ND	ND .	ND	ND OX	ND	מא	ND	ND .	ND ON	ND
A'-DDE	ND	ND	ND	ND	ND	ND	ZD DZ	ND	ND	QX	ND
endrin .	ND	ND	ND	ND	ND	ND	ND	, MD	XD	ND	ND
indorulfan II	ND	ND	ND	ΝD	ND	ND	ND	ND.	ND ND	ND	ND
A'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND ON	ND
indosulthn sulthte	ND	ND	NĎ	ND	ND	ИD	ND	ND	ND	ND	ND
A'-DDT	ND	ND	ND	ΝD	ND	ND	ND	ND	ND	ďΩ	ND
Act ho xyc hi or	ND	ND	ND '	מא	ND	ND	ND	ND	ND	מא	ND
ladrin ketone	ND	ND	ND	מא	ND	ND	ND '	מא	ND_	D)	ND
indrin aldehyde	ND CIN	ND	ΝĎ	ND	ND	ND ND	ND	מא	ND	ND	ND
lpha-Chlordane	ND	ND	ИD	ND	ND	ND	ND	ND	ND	QN	ND
arema-Chlordane	ND	. ND	ND	ND	ND	ND	ND	ND	מא	מא	- ND
ozaphene	ND ND	ND	ND	ND	ND ND	ND .	ND	ND TO	ND	מא	מא

Notes;

All results are pretiminary and have not gone through any data review or validation process.

Detected concentrations are Bedded.

B-Sample concentrations exceeded the upper level of the calibration range.

J-Indicates the reported value is an estimate.

P-Indicates that store its greater than 25% difference for detected concentrations between the two GC columns for the analyte.

D-Indicates that sample was reanalyzed at a higher dilution.

ND-Indicates that sample was reanalyzed for but not detected.

DF-Dilution factor.

Table 3 Preliminary Analytical Date Summary Tuble - Pesticides Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	BAZQ4	BAZQ5	BAZQ6	BAZQ1	BA7.S4	BAZWI	BAZ51	BAZW2	BAZ52	BAZS0	BAZSI
Area	Ares02	Ares02	Arv=02	Ares03	Ares03	Ares02	Ares02	Are #02	Ares02	Ares02	Arvs02
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/13/2013	9/23/2013
Semple Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/lig)	Liquid Wests (ug/lig)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/lig)	Liquid Weste (ug/kg)	Liquid Weste (ug/lig)	Liquid Weste (ug/lg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	52 P	ND ND		
beta-BHC	170.P	140 P	ND	ND	ND	ND	ND	1,100 PF.	D D	ND	ND
delp-BHC	ND.	65 P	מא	ND.	ND	ND	100 P	J.500 PF	ND D	170 P	ND
ramma_BHC (Lindane)	מא	ND	ND	ND	ND	ND ND	ND	ND ND	ND ON	ND	ND ND
Heppehlor	ND.	ND ND	ND	ND	ND	ND	ND ND	ND	ND	ND	94 P
Akirin	ND	ND	מא	ND	ND	ND	320	100	- ND ON	םא	ND
Heptschlor epoxide	ND	ND	ND	ND	ND	ND	170 P	1,000 PE	DO	ND	J50 P
Endosulfan I	ND	ND	ИD	ND	ND	ND	880 PK	ND ND	ND D	J20 P	110 P
Diektrin	ND.	ND	ND	. ND	ND	ND	1300 P	ND CM	מא	ND	120
4.A'-DDE	ND.	ND	ND	ND	ND	ND	970 P	ND	D	610	ND
Endrin	ND	ND	ND	ND	ND	ND	ND ND	110	ND ND	270 P	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	3,400 PE		ND	ND	170 P
4A'-DDD	ND	ND	ND	ND	ND	ND	1,900 PK	1.500 PK 320		750 P	270 P
Endosul fan sul fate	_ לא	ND	ND	ND	ND	ND	450 P	ND ND	ND ND	1,200 P	330
AA'-DDT	I ND	ND	ND	ND	ND	ND	1,200 P	NĎ		ND	120
Methoxychlor	ND	ИD	ND	ND	ND	ND	NP.	ND ND	ND	550 P	180 P
Endrin ketone	DD	ND	ND	ND	ND ND	D	ND ND	ND ND	QN	2,600	ND
Entrin aldehyde	ND	ДN	ND	ND	ND .	ND D	940 P	ND ND	ND ND	ND	ND
alpha-Chlordane	ND	МĎ	ND	ND	ND	ND	1,300 K			350 P	ND
ramma-Chlordane	ND	ND	ND	ND ND	ND ND	ND	1,200 PE	15,000 K	ND	ND	100 P
Toxaphene	ND	ND	ND	ND -	ND ND	ND	ND ND	ND ND	ND	ND	91 P
						, AD	NV .	עא	ND	ND 1 X DP	ND

lphy-BHC	BAZW3 Ares02 9/14/2013 sid Weste (cg/kg) ND ND	BOA G9 Are #02 9/24/2013 Liquid Waste (ug/kg) ND	BAZW4 Ares02 9/24/2013 Liquid Waste (og/kg) ND	BAZW7 Are=02 9/24/2013 Liquid Weste (mg/kg)	BAZW6 Ares02 9/74/2013	BAZXA Ares02 9/25/2013	BAZX0 Arei02 9/25/2013	BAZYI Ares02 9/25/2013	BAZX2 Area02	BAZX7 Arva02	BAZR7 Ares02
Sampling Date Sample Matrix (Unit) Liqui John-Bil C Sta-Bil C	9/14/2013 uld Weste (ug/lig) ND ND	9/24/2013 Liquid Waste (ug/kg) ND	9/24/2013 Liquid Waste (ug/kg)	9/24/2013	9/14/2013						
Sample Matrix (Unit) Liqui ipin_Bi(C xta-B C	uid Weste (ug/kg) ND ND	Liquid Wests (ug/kg) ND	Liquid Waste (ug/kg)			9/25/2013	9/14/2011	0.04.0013			- ::::::::
lphy-BHC	ND ND	ND		Liquid Weste (ug/lag)				3/42/1017	9/25/2013	9/25/2013	9/23/2013
eta-BIIC	ND		ND		Liquid Waste (ug/leg)	Liquid Weste (eg/kg)	Liquid Waste (ug/lag)	Liquid Waste (ug/leg)	Liquid Wasts (ug/leg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg
reta-BIIC Idia-BIIC		1100		ND	120 P	180 P	ND	ND	ND		
elp-RHC		ND	ND	ND	ND	7.600 E	ND	120	ND	ND U	850 D*
	ND	ND	ND	ND	ND	2,600 PE	ND	140 P	ND	ND ND	630 P
amma-BHC (Lindane)	ND .	. DD	ND	ND	470 P	230	ND	ND	ND ND	ND	260 P
fentachlor	ND	ND	ND	ND	ND	490 P	ND	160 P	D D	ND ND	ND
Aldrin	ND.	ND	ND	ND	ND	ND	ND	220 P	ND ND		ND
leptachlor epoxide	ND	62 P	ND	ND	140 P	ND	ND	ND	ND ND	ND ND	ND
ndosplfan J	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	D D	ND
Dieldrin	ND	ND	ND	ND	120 P	ND	ND	570 P	ND		90 P
A'-DDE	ND	ND	ND	ND	130 P	ND	ND	210 P	ND ND	ND ND	מא
Indria	ND	. ND	ND	ND	110 P	ND	ND ND	ИD	ND	<u>ир</u>	DD
indosul lan II	ND	ND	ND	ND	490 P	ND	ND	ND	ND	UND	ND
A'-DDD	ND	ND	ND	ND	970 P	ND	ND	7,400 PK	ND	ND ND	170 P
ndosulfan salfue	ND	250 P	ND	ND	380 P	ND	ND	ND	ND ND		ND
A-DDT	ND	ND	ND	ND	690 P	ND	ND ND	1,400 P	ND ND	ND ND	. ND
fethoxychlor	_DND	ND	ND	ND	ND	ND	ND ND	ND	ND		ND.
ndrin ketone	ND	ND	ИD	ND	ND	ND	ND ND	ND	ND	ND	D
ndrin aktehyde	_ ND	ND	ND	ND	310 P	ND	ND	J.300 P	ND ND	D D D	ND
phy-Chlordane	. ND	200	ND	ND	83 P	ND	ND ND	ND ND	UND D		130
amma-Chlordane	ND	130 P	ND	ND	96 P	ND	NP -	280	ND ND	ND	ND ND
nxaphene	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	95 P

Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are Boided.

B. Sample concentrations succeeded the upper level of the calibration range.

J. Indicates the reported value is an estimate.

P. Indicates that other is practic than 13% difference for detected concentrations between the two GC columns for the analyse.

D. Indicates that sample was reamalyzed at a higher dilution.

ND. Indicates the analyse was analyzed for but not detected.

DP - Dilution factor

Table 3
Pre@mjnary Analytical Data Summary Table - Posticides Superior Barrel and Drum Site September 2013

						many many design of	P001-DW-2031-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-I	P001-DW-2076-1	P001-DW-2031-1	L001-DA-1099-1	F001-DG-2007-1	1001-074-2070-1	
CLP Sample ID	BAZXB	BAZX3	9AZR8	BAZW9	BA7.X6	BAZXY	BA7R9	BAZXI	BAZYD	BB007	BB008
Area	Ares02	Ares02	Ares02	Ares02	Ares02	Area02	Ares02	Ares02	Ares02	Aree02	Ares02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Weste (ug/lg)	Liquid Weste (cg/kg)	Liquid Wasta (ug/leg)	Liquid Waste (ug/lig)	Liquid Weste (ug/lag)	Liquid Wests (ug/liq)	Liquid Waste (ug/kg)	Liquid Waste (ug/leg)	Shadge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (og/lg)
alpha-BHC	100 P	ND	. ND	ND	ND	ND	ND	ND	ИD	1,00 P	3,200 P
beta-BHC	75 P	ND	T ND	ND	ND	98 P	ND	300 P	מא	870 P	7,200 P
delta-BHC -	160 P	150 P	100 P	ND	ND	270 P	ND	160	MD	ND	850 P
garnma-BHC (Lindane)	59 P	ND	ND	ND	ND	630	ND	150	מא	ND	ND
Heptachlor	ND	ND	ND	ND	RD	14,000 PE	ND	130 P	ND	610 h	2,400 P
Aldrin	ΝD	ND	ND	ND	ND	59 P	ND	מא	ND	9,100 PF	15,000 PF.
Heptachlor epoxide	1,500 PE	NO	ND	ND	ND	200	ND.	100	ND	15,000 PF	7,200 P
Endosulfan i	ND	ND	ND	ND	80	95 P	ND.	260 P	מא	מא	15,000 PE
Dieldrin	ND.	ND	ND	ND	ND	ON	ND	130 P	ND	29,000 PI	48,000 E
4,4'-DDE	140 P	ND	ND	ND	ND	270 P	ND	מא	מא	36,000 PF	80,000 K
Endrin	מא	ND	ND	ИD	ND	110 P	ND	ND	ND	ND	ND
Endosul ûn II	ND	ND	. ND	ND	מא	3,700 P	ND	ND	D D	22,000 PE	16,000 PE
4A'-DDD	120 P	ND	ND	ND	מא	370	ND	סא	D	52,000 PE	26,000 PE
Hodosul Om sul Otte	ND	ND	ND	ND	ND	סא	ND	NO	ND	6,600 P	5,100 P
4A'DDT	760 P	ND	ND	ND	ND	ND	מא	מא		8,700 P	10,000 PE
Methoxychior	ND	ND	ND	ND	מא	ON ON	ND	ND	ND	160,000 PE	ND
Endrin ketone	ND	ND	ΝD	ND	' סא	100	ND	200 P	ND	ND	ND
Endrin aldehyde	5,700 E	ND	מא	ND OW	ND .	ND ON	300	ND	ND	37,000 E	24,000 PE
alpha-Chlordane	670 P	1,100 E	QN CIN	ND	ND	ND	ND	160 P	, D	33,000 E	23,000 PE
garrana-Chlordane	160 P	ND	ND.	ND	ND	230 P	ND	3,000 E	ND	15,000 PE	19,000 PE
Tovaphene	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Totalizat							•			IO X DF	10 X DF

				Page 2011 211 2 1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5003-1	P001-DW-5006-1
RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	F001-D41-7113-1	P001-1W-2113-1	L001-DM-2131-1	F001-DW-1000-1			
CI.P Sample ID	BB009	BB010	BB011	BB012	B8013	BB014	BB015	BB016	BAZNI	BAZN2	DAZN3
Ares	Ares02	Ares02	Ares07 .	Ares02	Aree01	Ares01	Ares02	Ares04	Ares05	Area05	Ares05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/leg)	Liquid Weste (ug/kg)	Liquid Weste (cg/leg)	Liquid Wests (ng/kg)	Liquid Waste (ug/kg)	Liquid Weste (qg/kg)	Liquid Weste (ng/kg)	Liquid Weste (ug/leg)	Liquid Weste (ug/lig)	Liquid Wests (ug/lig)	Liquid Wests (ng/kg)
alpha-BHC	ND	··· ND	סא	ЙD	ND	ND .	ND	ND	ND	ND .	ND
beta-BHC	ND	ND	סא	ND	ND	3,200	ND	ND	ND	מא	ND
delta-BHC	ND	ND	ND	ND	ND	2,200 P	ND .	ND	ND	93 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	790 P	ND	ND	מא	ND	ND
Heptachlor	ND	ND	ND	ИD	ND .	700 P	ND	ND	ND	480 P	ND
Aldrin	ND	ND	ND	ИD	ND	3,100 P	ND	D	ND .	150 P	ND_
Heptachlor epoxide	590 P	ND	ND	. dN	ND	4,500	ND ND	מא	ND CN	ND	ND
Endosulfan I	ND	ND	ND	ND	ND ND	ND .	ND	מא	ND	ND	ND
Dieldrin	ND	ND	1,200 P	ND	ND	5,400 P	ND	מא	ND	4,500 H*	ND
4,4'-DDE	ND	ND	ND	מא	ИD	10,000 P	ND	ND	ND .	ND	ND
Endrin	ND	ND	ND	ND	ND	ND .	5,400	ND	ND	מא	ND
Endosul@n II	ND	ND	ND	ND	, MD	3,300 P	ND	ND	ND ON	ND	D
4,4'-DDD	עא	ND	ИD	ND	ND	15,000 PK	ND	ND	מא	91 P	ND
Endosul fan sul fate	ND	ND	990 J	ND	ND	6,600 P	לא	ND.	מא	ND	ND
TOCHA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND
Methoxychlor	ND	ND	ND	ND	ND	100,000 K	ND	ND	סא	ND	
Endrin ketone	ND	ND	ND	ND CM	ND	ND	ND	ND	ND	ND	ND ND
Endrin aldehyde	17,000 E	ND	990	ND	ND	9,000	71,000	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND	6,100	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	DIND	ND	1,800 P	ND	ND	ND	ND	ND
Toxaphene	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF	10 X DF	10 X DF	IO X DF	10 X DP	50 X DF	10 X DP		*10 X DF	

Notes:
All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are Bolded.

B: Sample concentrations exceeded the upper level of the calibration range.

J: Indicates the reported value is an estimate.

P: Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.

D: Indicates that sample was remailyzed at a higher dilution.

ND: Indicates the analyte was analyzed for but not detected.

DF: Dilution factor

Table 3 Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site

P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5034-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
BAZN4	BAZN3	BAZN6	BAZN7	BAZNS	BAZNO	BAZP0	BAZPI	BAZP9	BAZO0	BAZP2
Ares05	Ares05	Ares05	Arre05	Arei05	Ares05	Ares05	Ares06			Arva06
9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013			9/19/2013
Liquid Weste (ug/leg)	Liquid Wasts (cg/kg)	Liquid Weste (ug/lig)	Liquid Weste (ug/leg)	Liquid Wests (ug/kg)	Liquid Waste (og/leg)	Liquid Wests (ug/las)				Liquid Weste (ug/kg)
ND	IRO P	ND	ИĎ	ND	ND					
ND	290 P	ND		ND						ND ND
ND .	160 P	ND		ND						ND
ND	440 P									ND
ND	82 P									ND ND
ND										ND ND
ND										ND
ND										ND
ND										ND
ND										ND
ND										ND
										מא
ND										D
ND										ND
										ND
										ND
ND										ND
										ND
ND										ND
										D
ND	DI	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ИD
	BAZNA Ared3 9718/2013 Liquid Weste (ug/kg) ND ND ND ND ND ND ND ND ND N	BAZN4 Area05 Area05 9/18/2013 P/18/2013 Liquid Weste (ug/lug) ND ND 280 P ND ND 160 P ND ND ND ND ND ND ND ND ND N	BAZN4 BAZN5 BAZN6	BAZM	BAZM	BAZNS	BAZN	BAZN	BAZM BAZM	BAZN BAZN

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2007-1	P001-6-2003-1	P001-S-3001-1
LP Sample (D	BAZ,P3	BAZPI	BAZP5	BAZP6	BAZQS	BB017	BB018	BAZQ9	BA7.79	BB000	BAZ.RO
Urea	Arres06	Ares06	Ares06	Are=06	Arvs06	Ares06	Area06	Area02	Ares02	Area02	Arra03
ampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
emple Metrix (Unit)	Liquid Wests (ug/lg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/leg)	Liquid Waste (ug/kg)	Liquid Waste (cg/kg)	Liquid Waste (ug/kg)	Soli (og/kg)	Soli (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
lpha-BHC	ND	ND	ND	ND	ND	ND	ND ND	ND	ND		
eta-BHC	ND	DM D	ND	ND	ND	ND	800	11 P	ND ND	ND	ND
du-BHC	ND	51 P	ND	ND.	. ND	ND	ND)3 P	ND	ND	ND
nmm-BHC (Undane)	ND	ND	ND	ND	ND	NP	ND ND	11 P	ND ND	ND	ND
leptachlor	ND	.ND	ND	ND	ND	ND	ND .	ND ·	ND ND	ND	ND
ld rin	ND	ND	ND	ND	ND	ND ND	ND .	22 P	ND ND	ND	מא
epachlor epoxide	ND	ND	ND	55 P	ND	ND	ND ND	68 P		ND	ND
indosulfan I	ND	ND	ND	ND	ND	ND	ND	32 P	620 P ND	ND	- 10 P
Pieldrin	ND	ND	ND	NP	ND	ND	ND	ND	ND ND	120	ND
A'-DDE	ND	ND	ND	ND	ND	ND	ND ND	D D		ND	ND
ndna	ND	ND	ND	ND	ND	ND	ND	91 P	ND	ND	ND
ndosulfan [I	ND ND	ND	ND	ND	ND	ND	ND	19 P	ND ND	120 P	שא
A-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	620	ND
ndosulfan sulfate	ND	ND	ND	ND	ND	NĎ	ND ND	ND	ND ND	ND	DN
A'-DDT	ND	ND	ND	ND	ND	ND	ND .	ND ND		ND	ND.
lethoxychlor	ND	ND	. ND	ND	ND	ND ND	ND ND	ND ND	ND ND	מא	9.7 P
ndrin ketone	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND.	ND
ndrin aldehyde	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND .	ND	5.7 P
pha-Chlostane	ND	ND	ND	ND.	ND	ND	ND ND	31 P		230	ND
mma-Chlordane	89 P	ND	ND	ND	ND ND	ND ND	ND ND		ND	4,000 R	2A P
oxaphene	ND	ND	ND	ND	ND D	ND ND	ND D	99 P ND	ND	110	2.A.P
			·			10 X DF	10 X DF	<u> </u>	ND	ND	ND

- Notes:

 All realis are preliminary and have not gone through any data review or validation process.

 Detected concentrations are Bolded.

 B. Sample concentrations exceeded the upper level of the calibration range.

 J. Indicates the reported value is an estimate.

 P. Indicates that there is greater than 15% difference for detected concentrations between the two GC columns for the analyse.

 D. Indicates that sample was reanalyzed at a higher diffusion.

 ND Indicates that sample was reanalyzed for but not detected.

 DF Dilution factor

Table 3 Preliminary Analytical Data Sammary Table - Pesticides Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-8-3001-2	P001-8-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-8-3006-1	P001-8-3007-1	P001-S-3008-1	P001-8-3009-1	P001-8-3010-1	P001-6-3011-1
CLP Sample ID	BAZRI	BAZR2	BAZRI	BAZZO	BAZY9	B0AL0	BOAK4	BOAK9	BOAK8	BOAKS	BOAK7
Ares	Ares03	Arva03	Area03	Arra03	Ares03						
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Sall (ag/kg)	Sali (cg/kg)	Soil (ug/kg)	Sall (ug/kg)	Soli (ug/kg)	Soil (ug/kg)	Soli (ug/kg)	Soil (vg/kg)	Soll (ngAg)	Sall (ug/kg)
alpha-BHC	מא	ND .	ND	ND	ND	ND	ND	ND	ND'	DN	ND
bda-BHC	ND	ND	12 P	ND	ND	ND	'' סא	ND	ND	ND	ND
delta-BHC	ND										
gamma-BHC (Lindane)	ND	3.6	NĎ	ND	ND	ND	לא	ND	ND	ND	ND
Heptachlor	ND	ND _	ND	240 P	ND						
Aldrin	ND	ND ND	ND								
Heotachlor epoxide	ND	4.6 P	ND	ND D	ND						
Endosul ûn 1	ND	1.9	20 P	D	ND						
Dieldrin	ND	ND	17	ND	מא ד	ND	ND	ND .	ND	ND	ND
4,4'-DDB	ND	ND	ND	ND	מא	ND	ND	ND	ND	ND	ND
Endrin	9.6	ND	230 P	ND	שא	ND	ND	200	ND	ND	ND
Endosul@m II	8.7 P	ND	ND	ND	מא	ND	ND	ND	ND	ND	ND
4.4'-DDD	9.7 P	ND	ЙD	ND	מא	ND	ND	ND	ND	700 P	ND
Endosulfan sulfate	13 P	ND	ND	D D	םא "	ND	38 P	44 P	ND	1,200	ND
4.4'-DDT	28 P	D	ND	ND	[אל	ND ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND .	ND	95 J	170 P	330 P	ND	ND	ND ND
Endrin ketone	סא	ND	· ND	ЙĎ	ND	ND	51 P	ND	ND	230	D D
Endrin aldehyde	22 P	ND									
sipha-Chlordane	3.9 P	3.4 P	() P	ND	ND	98	ND	ND	ND	ND	ND .
ramma-Chlordane	ND	5.1 P	26 P	ND	סא	ND	ND	27 P	ND	170 P	ND _
Toxaphene	ND	ND	ND	ND	D D	ND	ND	ND	ND	ND	ND
-						IOX DF	10 X DF	10 X DF	10 X DF	50 X DF	50 X DF

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-8-4001-1	P001-8-4002-1	P001-6-4003-1	P001-8-5001-1	P001-S-5002-I	P001-S-5003-1	P001-S-5004-1	P001-8-5005-1	P001-8-6001-1
CLP Sample ID	BOAN6	BAZYS	BB001	BB001	BB003	BAZZI	BAZZ2	BAZZB	BAZZJ	BAZZA	BAZR4
Area	Area03	Arre03	Ares04	Ares04	Ares04	Area05	Ares05	Ares05	Ares05	Arte05	Ares06
Sempling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Semple Metrix (Unit)	Soll (eg/kg)	Sall (ug/kg)	Sall (ug/kg)	Soll (ug/kg)	Sall (ug/kg)	Soil (ug/kg)	Soll (ag/kg)	Soll (ug/kg)	Soll (ug/kg)	Soli (ug/kg)	Sail (ug/kg)
alpha-BHC	- dk	ND	ND	ND .	ND.	ND	, ND	מא	ND	ND	ND
beta-BHC	ND	4.4 P	ND								
delta-BISC	ND	ND	3.7 P	ND	ND	ND	ND	DИD	ND	6.1 P	ND
gamma-BHC (Lindane)	ND	ND	ND	(DK)	ND ON	ND	מא	ND	ND	9.7 19	ND
Heptachlor	ND	. ND	5.9 P)AD	ND	ND -	ND	ND	ND	ND .	מא
Aldrin	. ND	ND	2.2 P	ND	ND .	ND	ND	ND	ND	<u> </u>	ND D
Hertachlor epoxide	ND	ΝD	ND	ND	11 P	2.5 P	ND	ND	ND		ΝD
Endored fan I	ND	ND ND	2.3 P	ND	4.7 P	ND	ND	ND	ND	47 P.E.	ND.
Dieldrin	ND.	ND	30 P	ND							
4,4-DDE	ND	ND	64	ND	םא י	52	ND	ND	ND	19 P	ND
Endris	ND	ND		ND	14 P	סא	ND	ND	ND	39 P	ND
Endosulfan II	ND	ND	1119	ND	. אס	ND D	ND	ND	ND	130 K	ND
4,4'-DDD		ND	6.9 P	ND	9.4 P	19 P	ND	ND	ND	110 PK	ND .
Endosul (An sul Cate	ND .	ND	9.J P	ND	ND	ND	3.9 P	ND	ND_	44 P	מא
4,4'-DDT	ND.	ND	1 11	ND	58 P	8.4 P	4.1 P	ND	6.4	98 P.E.	ND .
Methoxychlor	ND .	ND	85	ND	LIQP	ND	ND	ND ND	DM	73 P	ND_
Endris ketone	, db	ND	58 P	ND	ND ,	6. <u>f</u> P	6.4 P	ND	6.0 P	29 P	ND
Endrin aldebyde	ND	ND	7.2 P	NTO	17 9	ND	ND ND	19	ND	61 P	ND
alpha-Chlordane	ND	ND	3.4 P	ND	170 P.F.	33 P	ND	ND	ND	68 PE	ND
garmma-Chlordane	ND	ND	I 44 P	ND	4.8 P	30 P	מא	6.8 P	7.2 17	31 P	ND
Toxaphene	ND	ND	(IN	ND	ND) Ni)	מא	מא	ND	NO	ND

10 X DP

Notes;

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are Belded.

B. Sample concentrations exceeded the upper level of the calibration range.

J. Indicates the reported value is an estimate.

P. Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.

D. Indicates that sample was reanalyzed at a higher dilution.

ND - Indicates the analyte was snalyzed for but not detected.

DF - Dilution factor

Table 3 Preliminary Analytical Data Summary Table - Penicides Superior Barrel and Drum Site

P001-5-6002-1	P001-S-6003-1	P001-8-6004-1	P001-S-6005-1	P001-S-6005-2	P001-8-6006-1	P001-S-6007-1	Pno1_9_6009_1	D001 C 7001 1	2001 C 2000 1	Dan green
BA7Ds	DATE	DA277	DA7V1							P001-S-7003-1
- Druit	MAZAO.	DALL!	DALIJ	BAZII	HAZZ3	HA2.74	BAZY2	BAZY5	BAZY6	BAZY7
Ares06	Ares06	Arva06	Ares06	Are=06	Ares06	AreaD6	Ares06	Ares07	Area07	Ares07
9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/16/2013
Soll (ug/kg)	Soli (ug/kg)	Sell (ng/kg)	Soll (ug/kg)	Soil (mg/kg)	Soil (ng/kg)	Soil (ug/kg)	Soll (us/kgr)	SoD (us/ks)		Soil (ng/kg)
םא ַ	ND	ND	מא	ND	ÜЙ	ND				ND ND
ND	ND	, ND	ND	ND	ND					ND ND
. ND	ND	ND.	מא	ND			- 17			
ND	ND	D	ND				17 6			ND.
ND	ND	ND	ND							ND .
ND	DИ	ND	ND							ND
ND	ND	ND								ND
ИD	ND .	ND	ND							ND
ND	ND	ND	ND							ND
ND	ND	ND								ND
ND	ND									ND
ND	ND									ND
ND	ND									ND
ND	ND									ND
ND	ND	6.9								ND
ND	ND	68 PJ								ND
										QN
ND										ND
										ND
									2.1	ND
										AA P ND
	BAZRS Ar=06 9/20/2013 Sod (cg/kg) ND ND ND ND ND ND ND ND ND N	BAZRS	BAZRS	BAZRS	BAZRS	BAZES	BAZRS BAZRS BAZRS BAZYS BAZYS BAZYS BAZZS BAZZS Area66 Area66	BAZES BAZE	BAZES BAZES BAZES BAZES BAZES BAZES BAZES BAZES BAZES	BAZES BAZES

RST 2 Sample 1D	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample 1D	BB019	BB020	BBOEI	BB0E2	BB0E3
Ares	Ares01	Ares03	Ares03	Area03	Ares06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)				
alpha-BHC	ND	ND	ND	ND	ND
belg-BIIC	ND	, ND	ND	ND	ND
delp-BIIC	ND	. ND	_ ND	ND	ND
eammy-BHC (Lindone)	ND	. NP	. ND	. ND	מא
Herpschlor	ND	ND	ND	ND	ND
Aldrin	ND _	ПÜ	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND
Endosulfan I	ND	ИD	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND
4.A-DDB	ND	ND	ND'	ND	ND
Endria	ND	ND	ND	ND	ND
Endosul & n 11	ND	ND	ND	ND	ND
4.A'-DDD	ND	ND	ND	ND	ND
Endospilan sulfate	NP	ND	ND	ND	ND.
4A'-DDT	ND	ND.	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND
Endrin ketone	ND ND	ND	ND	ND	ND
Endrin pldebyde	ND	ND	ND	ND	ND
alpha-Chioniane	ND	ND	0.064 P	ND	ND
gammy-Chlordane	, ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND ND

Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are Bolded.

B. Sample concentrations exceeded the upper level of the calibration range.

J. Indicates the reported value is an estimate.

P. Indicates that there is greater than 15% difference for detected concentrations between the two GC columns for the analyse.

D. Indicates that sample was remaijzed at a higher dilution.

ND - Indicates that sample was remaijzed for but not detected.

DF - Dilution factor

Preliminary Analytical Date Summary Table - TCL, PCBs Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-TW-1001-L	P001-TW-1003-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-I	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Semple ID	BAZS5	BA7S6	BAZS7	BA758	BA7S9	BAZT0	BAZTI	BAZT2	BAZT)	BAZT4	BAZT5
Ares	AreaOl	Ares01	Ares01	Area01	Ares01	Ares01	Ares01	Ares01	Ares01	Ares01	Ares0i
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Weste (ug/leg)	Liquid Waste (og/kg)	Liquid Weste (eg/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/kg)	Liquid Wasta (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	סא	ND	DM	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	NO.
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	- ND	ND	ÑĎ	ND	ND	ND	ND	מא	ND
Aroclor-1248	ND	ND	ND .	ND	. ND	ΝD	ND	ND	ND	ND	D DN
Aroclor-1254	ND	מא	ND	מא							
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	מא	מא
Aroclor-1262	ND	ND	ΝD	ND	ИD	ИD	ND	ND	ND	טא	ND.
Aroclor-1268	ND	ND	ND	5,000 J	ND	ND	ND	MD	ND	ND	_ מא
	3 X DF	5 X DF		3 X DF	3 X DF			5 X DF		5 X D#	

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQI	BAZQ1	BAZQI
Ares	Ares01	Area01	Area01	Ares01	Area01	Ares01	Ares01	Area01	Area02	Ares02	Ares02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Weste (og/kg)	Liquid Weste (og/kg)	Liquid Weste (ug/leg)	Liquid Waste (ng/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/lig)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND CIN	ND	ND	ND
Aroclor-1221	ND	ND	ND	NO	ND	ND	ND GX	МD	ЙD	מא	ON.
Aroclor-1232	ND	ND	ND	ND	מא	ND .	ND	מא	ND	מא	ND
Aroclor-1242	ND	ND	ND	ND	מא	ND	ND	מא	ND	ND	ND
Aroclor-1248	ИD	ND	ND	ND	מא	ND	ND	ND	מא	ND	מא
Aroclor-1254	מא	ND	MD	D D	ND	- NO	ND	ND.		NB	ND
Aroclor-1260	ND	ND	ND	ND	ND .	ND	ND	ND	מא	ИD	ND
Aroclor-1262	ND	ND	ND	מא	מא	ND	ND	ND	ND	מא	מא
Aroclor-1268	ND	ND	ND	ÜЙ	ND						
				3 X DF	3 X D#						

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-I	P001-DW-2036-I	P001-DW-2041-1	P001-DW-2042-I
CLP Sample ID	BAZQ4	BAZQS	BA7Q6	BAZQ7	BA784	BAZWI	BAZS1	BAZW2	BA783	BAZS0	BAZ83
Area	Ares01	Area01	Ares02	Area02	Ares02	Aren02	Ares02	Ares02	Ares02	Ares01	Ares02
Sempling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Weste (og/kg)	Liquid Weste (og/kg)	Liquid Weste (og/kg)	Liquid Weste (ug/lig)	Liquid Wasta (ag/lag)	Sindge Waste (ug/kg)	Liquid Wasta (ug/kg)	Liquid Weste (ug/liq)	Liquid Wests (ug/kg)	Liquid Wasts (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	מא	ΝĎ	ND	ND	ND	TND .	ND	אט	מא	מא	ND.
Aroclor-1221	T ND	ND	מא	ИĎ	ND	ND .	ND	ND	ND NO	ND	MD
Aroclor-1232	ND	ND	ND .	ЙĎ	ND	סא	ND	ND	ND	ND ND	םא
Arocler-1242	ΝD	ND	ND	ND	ND	ND	ND	ND)	ND	ND	ND
Aroclor-1248	ΝĎ	ND	ND	ND	ND	. אם	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND
Aroclor-1260	ЙD	ND	ND	ND	ND .	, ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	DIA	ND	ND	ND	ND	ND	ַ מא	ND
Aroclor-1268	ND	ND	ND	ND	ND	D	. מא	ND	ND	טא	ND
							5 X DF			3 X DF	5 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are Bolded.

1. Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.

1NF - Dilution Factor

Preliminary Analytical Data Summary Table - TCL PCBs Superior Burvel and Drum Site September 2013

RST 2 Sample (D	P001-DW-2046-1	P001-DW-2047-1	P001-D4V-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-L
CLP Sample 1D	BAZW3	B0AG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZXI)	BAZYI	BA7302	BAZX7	BAZR7
Area	Aren02	Ares02	Ares02	Ares02	Ares02	Ares02	Ares01	Ares02	Ares02	Ares02	Ares02
Sampling Date	9/24/2013	9/74/7013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/15/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (ug/ig)	Liquid Waste (ug/lig)	Liquid Weste (ug/kg)
Arocker-10)6	ND	ND	ND	סא	מא	ND	ДЙ	ND	ND		
Aroclor-1221	ND	ND	ND	ND	ND	ND ND	ND ND	ND	D D D	ND ND	ND
Aroclor-1232	ND	ND	ND	ЙD	I_ ND	ND	I NP	ND			ND
Aroclor-1242	ND	ND ND	ND ND	ND	D D						
Aroclor-1248	ND	ND ·	ND.	ND.	ND ND	ND	ND ND	ND ND	ND ND	ND	מא
Aroclor-1254	ND	ND	ND ND	ND	ND	ND ND	- DA	ND		ND	. ND
Amctor-1260	ND	ND	ND	ND ND	ND ND	ND -	ND ND	ND ND	ND	ND	ИD
Aroclor-1262	ND	. ND	ND.	ND ND	ND	ND	ND ND		ND	ND	ND
Arocbr-1268	ND	ND	ND	ND ND	ND ND	ND ON		ND	ND	ND	ND
	1.02	5 X DF	L	<u></u>	5 X DF	5 X DF	ND	ND	ND	ND	ND
		7.6.4			3 / 104	2 X IA		2 X DF			5 X DF
RST 2 Sample ID	P001-D\Y-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-I	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CI.P Sample ID	BA7X8	BAZX3	BAZRS	BAZW9	BAZX6	BAZX9	BAZR9	BAZXI	BAZYO	BB007	BB008
Ares	Ares02	Ares02	Ares02	Area01	Ares02	Ares02	Ares02	Ares02	Area02	Ares02	Ares02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/3/2013	9/25/2013	9/25/2013	9/27/2013	9/17/2013
Sample Matrix (Unit)	Liquid Weste (ug/kg)	Liquid Weste (eg/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Studge Wests (ng/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/leg)
Aroclor-1016	ND										
Aroclor-1221	ND	ND	ND	ND	ND ND	ND	ND	ND	ND ND	ND	ND
Aroclor-1232	ND	ND D	ND ND	ND	ND						
Aroclor-1242	ND	ND	ND	. ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND
Aroclor-1248	ND	ND	ND	. ND	ND	ND	ND ND	ND .		ND	D D
Aroclor-1254	ND	ND	DИD	ND	ND	ND.	ND	ND ND	ND ND	ND ND	ND
Aroclor-1260	ND	ND	ND	ND ND	ND	ND	ND ND	ND		ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND .	ND ND	ND ND	ND	ND	ND
Aroclor-1268	ND	. ND	ND	ND	ND	ND	ND ND		ND	ND	ND
	5 X DF				- UK		עא	ND .	ND	ND	ND D
	78.44							5 X DP			5 X DF
RST 2 Sample ID	P001-D\V-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-6006-1
CLP Sample ID	BR009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZNI
Ares	Ares02	Ares02	Ares02	Area02	Ares02	Ares03	Ares()2	Ares04	Arre05	Ares05	Ares05
			,								~~~

RST 3 Sample ID	P001-D\V-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-6006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZNI
Ares	Ares02	Are=02	Ares02	Ares02	Ares02	Ares03	Ares()2	Area04	Arre05	Area05	Ares05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Weste (ug/kg)	Liquid Waste (og/kg)	Liquid Wests (ug/kg)	Liquid Weste (og/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Waste (ug/leg)	Liquid Weste (ug/lig)	Liquid Waste (ug/kg)	Liquid Weste (eg/leg)
Aroclos-1016	ND	םא	ND	ND	ND	ND	ND	ND	ND		
Aroclor-1221	ND	ND	ND	ND.	ND	ND	ND	ND ND	ND	ДŊ	ND
Aroclor-1232	ND	ND	ND	ND	ND ND	ND	ND	ND ND		ND	ND ND
Aroclor-1242	ND	ND ND	ND	ND	ND ND	ND	ND ND		ND	מא	ND ND
Argelor-1248	ND	ND	ND .	ND	ND ND	ND ND		ND	ND	מא	ND
Aroclor-1254	ND.	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
Aroclor-1260	ND ND	ND	ND ND	D D	ND ON	NP	ND.	ND	ND .	ND.	ND
Aroclor-1262	ND -	ND ND				ND	ND	D	ND	ND	ND
			ND	ND_	ND	ND	ND	מא	ND	ND -	ND
Aroclot-1268	ND	L ND .	ND	ND	ND	ND	ND	ND	ND.	ND	ND
			5 X DF	5 X D#			5 X DP				

Moses:
All results are preliminary and have not gone through any data review or validation process.
Descend concentrations are Builderd.
J. Indicates the reported value is an estimate.
ND - Indicates the smally to was analyzed for but not descend.
DF - Dilution Factor

Table 4 Preliminary Analytical Data Summary Table - TCL PCBa Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-DW-5006-2	P001-DW-5009-L	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5014-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-I	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	BAZN4	BAZNS	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BA7P1
Area	Ares05	Ares05	Ares05	Ares05	Area05	Ares05	Ares05	Ares06	Area06	Ares06	Ares06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/18/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Wests (ug/kg)	Liquid Wests (ug/kg)	Liquid Waste (ug/kg)	Liquid Wests (ug/kg)	Liquid Wests (ug/lig)	Liquid Waste (ug/kg)	Liquid Weste (ng/kg)	Liquid Waste (og/kg)	Liquid Wasts (ug/kg)	Liquid Weste (ug/lig)	Liquid Wests (ug/kg)
Aroclor-1016	ND	ND T	מא	ND ND	CSI	ND	ND	מא	ND .	ND	שא
Aroclor-1221	ND	ND ND	- ND	ND	NO OK	ND	ND	T D	מא	מא	ND_
Amelor 1232	ND	ND NO	ND	ЙĎ	ND.	ND	ND	ND	ND	ND	ND_
Arctor (242	ND	ND	ND	מא	ND	ND	ND	מא	ND	ND	ND .
Aroclor-1248	ND	ND ND	ND	ND	ND	לא	ND	ND	ND	ND	ND .
Aroclor-1254	מא	1 10	מא	ND	ND	- מא	מא	מא	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	מא	ND	ND	ND ND
Aroclor-1262	. ND	ND	, ND	ND	ND	ND _	ND	שא	ND	ND .	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	D	ND	ND	ND

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-8-2001-1	P001-S-2003-1	P001-S-2003-1	P001-S-3001-1
CLP Sample 1D	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BB000	BAZRO
Area	Ares06	Ares06	Агея06	Ares06	Ares06	Ares06	Arcs06	Ares02	Ares02	Ares03	Ares03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Samole Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Weste (ug/kg)	Liquid Weste (cg/kg)	Liquid Weste (ug/kg)	Liquid Wests (og/kg)	Soli (og/kg)	Gall (ug/kg)	Sall (ug/lag)	Soil (og/kg)
Aroclor-1016	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	ND ND	ND ND	ND	ND	ND	ND	ND		ND	ND	ND ND
Aroclor-1232	ND	ND	ND D	" ND	ND	ND	ND	ND	מא	ND	ND
Aroctor-1242	ND ND	ND	ND	ND ON	ND	ND	מא	ND	ND	ND	ND
Arpelor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroctor-1254	ND ND	ND	ND ND	ND	ND	ND	ND .	ND	אס	ND	ND ND
Aroclor-1260	NO NO	ND	ND	ND	ND	ND	ND	ND	מא	ND	ND
Aroclor-1262	ND ND	ND	ND	ND	ND	ND	ND .	מא	- ND	ND	מא
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND .	(תא"
740001-1200	The state of the s					5 X DF					

ST 2 Sample ID	P001-8-3001-2	P001-S-3003-1	P001-S-3003-1	P001-5-3004-1	P001-S-3005-1	P001-8-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
1.P Sample ID	BAZRI	BAZR2	BAZR3	, BAZZO	BAZYY	BOALO	BQAK4	BOAK9	BOAKB	BOAKS	BOAK7
ires	Ares03	Ares03	Ares03	Ares03	Ares03	Aree03	Ares03	Ares03	Ares03	Ares03	Area03
empling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
emple Matrix (Unit)	Soll (ug/kg)	Soll (ug/kg)	Soll (ug/kg)	Sall (ag/kg)	Soil (ng/kg)	Soil (ug/kg)	Soil (cg/kg)	Soli (ng/kg)	SoB (eg/kg)	Soll (ug/kg)	Soll (eg/leg)
	ND	ND	ND	ND TO	80	ND	ND	ND	ND	ND	ND
roctor-1016			ND	ND ND	ND	Nn.	ND	ND	ND	ND	ND
meter-1221	ND	ND .				ND	ND	ND	ND	ND	I ND
imelor-1232	ND	ND	ND	ND	ND			ND -	ND.	ND -	ND
unclor-1242	Ni)	ND	ND	ND	ND	מא	מא			No.	ND
rector-1248	ND	ND	ND	ND	ND	ND	מא	ND	ND	185	ND
roctor-1254	ND	ND	ND	ND	ND -	ND	ND	ND	I ND		
rockor-1260	ND	ND	ND	ND	ND	ND	ND _	ND	I ND	ND	ND
		ND	ND	ND ND	ND	ND ND	ND	מא		ND	ND
roclor-1262	ND				ND	ND	ND	ND	ND	ND	מא
rocior-1268	ND	ND	ND	ND			5XDF		3 X DF		S X DF

Notes:
All results are pretiminary and have not gone through any data review or validation process.
Detected concentrations are Bolded.

J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dividion Pactor

Table 4 Preliminary Analytical Data Summary Table - TCL PCBs Superior Barrel and Drum Site September 2013

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-8-4001-1	F001-S-4002-1	F001-S-4003-1	P001-S-5001-1	P001-5-5002-1	P001-S-5003-1	F001-S-5004-1	P001-S-5005-1	P001-8-6001-1
CI.P Secuple ID	BOAN6	BAZY8	B900 t	BB002	BR003	BA72.1	BAZZ.]	BA77.8	BA7Z3	BAZZA	BAZR4
l/re	Ares03	Ares03	Ares04	Ares04	AreaD4	Ares05	Ares05	Ares05	Ares05	Ares05	Ares06
Sampling Date	9/27/2013	9/26/2013	. 9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Sol) (ug/kg)	Soli (ug/kg)	Soli (eg/kg)	Soli (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ng/kg)	Soli (ng/kg)	Sall (ug/kg)
trocker-1016	םא	ND	ЙD	ND	ND	ND	ND	ND			
Aroclor-1221	dи	ND	ND	ND	- מא	ŇĎ	ND ND	ND ND	ND	ND.	D
Aroctor-1232	ND	ND	ND	ND -	ND ND	ND ND	ND.	ND ND	ND	. ND	ND
Amedor-1242	מא	ND	ND	ND	<u>קא</u>	ND ND	ND.		ND	ND D	שא
Aroclor-1248	ND	ND	ND.	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	D D	ND ND		ND ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND			ND	ND	ND	ND	ND
Aroclor-1262	T ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND
Vrocbr-1268	ND ND	ND	ND ND	ND ND	ND	ND .	ND	ND	ND	ND	ND ND
		_ NU	NR	L ND	ND	ND	ND	L ND	ND	. ND	ND

IST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-8-6005-2	P001-S-6006-I	P001-8-6007-1	F001-S-6008-1	P001-S-7001-1	F001-8-7002-1	P001-S-7003-I
1.P Semple 1D	BAZR5	BAZR6	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZV7
rea	Ares06	Area06	Ares06	Ares06	Ares06	Area06	Ares06	Ares06	Ares07	Ares07	
ampling Date	9/20/2013	9/20/7013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	Ares07 9/26/2013
emple Metrix (Uelt)	Soll (ng/kg)	Soll (ug/kg)	Soil (ug/kg)	Sall (ug/kg)	Soll (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	900 (og/kg)	Soli (ug/kg)	9/26/2013 800 (ug/kg)
rocker-1016	ND	ND	ND	ND	ND.	ND.	ND	ND	ND	ND	ND ND
rocky-1221 rocky-1232	ND ND	ND ND	ND	ND	ND	ND	ND D	ND	ND	ND	ND ND
ockr-1242	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	. ND	ND	ND	ND .
ochr-1248	ND	ND	ND_	ND	ND	ND ND	ND ND	ND ND	<u>מא</u>	ND ND	ND.
pclor-1254	ND	ND	ND	ND	ΝĎ	ND	ND	ND	ND	ND ND	ND ND
pclor-1260 pclor-1262	ND ND	ND ND	D D D	ND ND	ND	ND	ND	ND	ND	ND	ND.
octor-1268	ND D	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND
							5 X DF	ND	D	ND	ND

RST 2 Sample 1D	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-8W-3002-1	P001-SW-6001-1
CLP Sumple ID	. BB019	BB020	BBOEI	BB0E2	BH0E3
Area	Ares01	Ares03	Ares03	Ares03	Area06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matris (Unit)	Surface Water (ug/L)				
Aroclor-1016	מא	ND	ND	ИD	ND
Aroclor-1221	ND	ND	ND	ND	ND ND
Arociot-1232	ND	ND	ND	ND	ND
Aroclor-1242	ND .	ND	ND	ND	ND
Arocker-1248	ND	ND	ИD	ND	ND
Arector-1254	ND	ND	ND	ND	ND
Aroctor-1260	ND	NP_	ND	ND	ND
Aroclot-1262	ND	ND	ND	ND	מא
Aroclor-1268	ND	ND	ND	ND	ND

bloise:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are Bolderd.

1. Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Tokke S Preli al sary Analysical Data Sammary Table - I sary sales Superior Barral and Drum Stu Superior 2013

RET 2 Sutuple ID	P001-TW-(861-1	P001-TW-(003-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1000-1	P001-TW-1009-1	P00)-TW-1010-1	P001-TW-(011-I
CLP Suspie ID	MBAZAS	MBA2286	MBAZ87	MBAZ89	MBAZS9	MBAZT0	MBAZTI	MBAZT3	MBAZT3	MBAZT4	MBAETS
Altra	Arrel1 *	Aresti	Arrell	Area01	Ares01	Arealt	Areati	Aresit	Arrali	Arra#1	Arese1
Soupling Date	9/13/2013	9/23/2013	9/33/2013	84374813	9/13/2013	9/23/2913	9/23/2013	9/33/2013	9/13/2013	9/23/2013	9/23/2013
Scuple Matrix (Valt)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Liquid Waste (stay/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)	Liquid Watts (mg/kg)	Liquid Waste (mg/kg
Alternation	214	\$1.1	43.4	45.7	74.3	ND	ND .	ND	99	LI I	44.8
Antimony	ND	ND.	ND	ND	NO NO	ND ND	20	100	ND CX	ND	20
Arterio	. 50	NO	140	ND	20	ND	19	ND	ND	ND .	ND
Barturn	32	ATE A	13.4	1147	63.1	111	121	0.10 1	ND .	0.53 /	ND
Beryllium	ND .	ND	ND ND	ND	XD	ND .	ND OF	NO	ND .	ND.	ND.
Cadmilions	ND	ND	ND	ND	XD	ND	ND	ND	- G	9	20
Calcium	543	3417	18.1	TH I	167.4	ND	ND .	754.4	JAN J.	241 7	334.1
Claumium	0.55 J	ND .	ND	1-l	E44 J	ND.	XĐ	9.46 J	9	ND	ND
Cobelt	441	9913	MI	ND	ND	MIL	NO.	ND	942 A	9	מא
Соррет	214	676 J	13.3	ND	744.3	ND	1111	F20 1	8.57 d	14.4	631.1
run .	\$42	154	84.9	139	759	141	47.8	143	52.3	100	114
Lead	7.4	10 K	637.4	2.3	21.1	ND .	0.37 8	19.9 E	ND.	#4 A	944 JR
Magnesium	ND	ND ND	72.1 8	ND	1417	ND	ND	ND .	ND	19	ND
Mangaricing	7.1	045 J	u	34	<u> </u>	8.46 J	4	14	6.77 J	N.	939 2
Nic led	949 /	ND	433.4	14	1.5	70	131.1	ND	19	9	(0)
Potesforn	196.7	2,540	3,250	1,1%	1,169	347	915	181	345 J)4 J	333 1
Sclenking	04.1	6.74 4	611.3	ND	635 J	F.4E J	647.4	941 J		6.39 J	Φ.
Silver	ND	ND	ND .	ND	ND	NO.	- 024	מא	ND	ND_	ND
Sodium	164	1640	15,000	2,510	3,849	19,390	4,944	94.1 J	4,070	3,100	15,400
Theliam	ND .	ND	ND	ND	ND	. ND	100	ND	ND	NO.	ND .
Variadium	ND	ND	ND .	ND.	9.45 J	199	LI I	ND	NO.	9	ND
Zina	72.1	1.5	314	277.0	65.7	74.1	13.1	745	¥	149	BTA
Mercury	N CM	ND N	ND N	ND N	NGN	ND N	ND N	N DN	NO N	NO N	N (E)
Cyanido	638.7	841	635 3	620 1	43974	63) 1	eat I	1 11	6.24 J	NII	936 J
	T					P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-3003-1	P001-DW-2004-1
RST 3 Sample ID	P001-TW-(0)13-1	1401-1W-1011-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2						
CLP Semple ID	MBAZT6	MBAZT7	MBAZTO	MBAZTP	MBAZWO	MB2004	MISS005	MBB004	MBAZQI	MBAZQ1	MBAZQ3
Arra	Arts61	Arratt	Arra#1	Arce01	Ares01	Arvafi	Arvell	Aresti	Arest2	Arrati	Arreit3
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2813	9/27/2013	9/21/2013	9/39/2013	9/20/2013	9/20/2013
Sample Metrix (Unit)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Warte (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg
				1.50	1 121	44.1	73.7	414	144	101	- 44

RST 3 Sample ID	P001-TW-(0113-1	1401-1M-1017-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	6001-DAN-1018-1	P002-DW-1034-1	P001-DW-2001-1	2001-DW-3003-I	P001-DW-3004-1
CLP despie ID	MBAZT6	MBAZT7	MBAZTO	MBA ET 9	MBAEWO	MBB004	MIRBORS	MBB004	MBAZQI	MBAZQ1	MBAZQ3
Arra	Arts6)	Aresti	Areset	Arce#1	Aresti *	Arrați	Arrell	Areali	Aresti	Arvall	Arealt2
Sampling Date	9/23/2013	9/13/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2813	9/27/2013	W21/2013	9/39/2813	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Wasts (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (mg/kg)	Liquid Waste (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)
Aluminum	79.3	3.0 /	191	ND	7.8.3	443	- U	519	314	10	141
Artimony	ND.	ND	ND ND	ND	9	90	ND .	59	(5)	ND	- ON
Acutris	32	M	849 4	ND	ND.	635.7	. ND	ND	<u>H</u>	1914	ND
Barturq	241	[63]	33.0	9		99	ND	100	9)-3	13.4	14.1
Beryllum	63	ND	ND.	ND	9	מא	ND .	N9	ND ND	ND	
Cadmium	8.96	ND CO	AIE J	ND		ND	ND	9	9.51	NO	ND
Calchern	440 1	72.1 J	, , , , , , , , , , , , , , , , , , ,	NO .	121 J	ND .	15.[1	9,290	8,830	114 /	110 1
Chromium	LI.	N9	3	ND	- 635 /	9	ND.	μ	497	14	74
Cobalt	10.1	ND	J# 7	ND	9	9	111	<u> </u>	2	ND	71.
Серри		15 8	199	PAS J	625.)	ND	9	لذا	.14	14.	
bron	1,430	913	7,690	54 /	113	16	145	1414	31,300 D*	161	649
Leed	381.2	12 (K	341 K	34.1 R	154 K	9	N9		22.1	639 1	- 1
Magneston	ND .	ND	113.1	ND	450 J		9	495 J	250 J	ikiz	414 4
Margerman	44	144 J	141	ND	34	635.1	μ3	(14)	744	14	4.7
Nieted	J.7 J	LH J	7		Œ.	9	9	6.7 [8	<u> </u>	131	
Potessium	WI _	161		419.1	4,010	9	ND .	65.9 [1,330	1,094	34[3
Schorburn	840 J	136 /	0.80 J	691	9.49 .	- 44	1111	3	7.0	943.4	634.1
Silver	ND	ND.	ND	NO	9	9	ND .	14	ND	ND	ND
Sodium	87.0 J	DI I	3,644	997	13,840	9	ND.	346.1	31(3	15,504	6,410
Thellon	ND	ND	9	ND	ND.	ND.	ND	ND	ND	1/0	ND
Ve medium	ND	ND D	N9	Z	ND ND	29	ND	848 J	7.4	ND ND	No.
Žlng	. 194	194	361	33.4	414	634.1	9.27 \$	10	129	- 4	11.7
Могулеу	ND N	ND N	6.0062 JN	ND N	ND N	114	(4)	6.13	MHI	9	ND ND
Cyeride	836 J	826 /	637	6.14 J	943	89	944	J.A	614 J	641	641.5

Notes:
All results are predictionary and have not gone through any data serview or well-define process.
Detected occommissions are Belded.

8 - Sample consuminations exceeded the upper level of the cells bestion range.

9 - Indicates the reported value is an exhaust.

10 - Indicates that enoughs was ensemblered at a higher dilution.

10 - Indicates presumptive evidence of the easilyte.

10 - Indicates the easilyte was subjected for high or directed.

• Result seported from a diluted enoughs that dilution factor and supported as part of the publishment of the sample was subjected.

Table 5 Prefindancy Ambythal Dets Stummery Teble - Inorganics Step river Barris and Drum Site Stylesofter 2813

RSF 2 Sumple 1D	P001-DW-3004-1	P001-DW-2006-2	P003-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P801-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	7901-DW-2841-1	P001-DW-2042-1
CLP femple ID	MBAZQ4	MBAZQS	MBAZQ6	MBAZO1	MBAZ54	MBAZWI	MBAZS1	MBAZW3	MBAZ82	MBAZSO	MBAZED
Ame	Atret()	Arrell	Ameta	Ares03	Area@2	Arrait)	Arrati	Arest3	Areas)	Arrell	Arrati
Staping Date	9/20/20 13	9/20/2013	9/20/2013	9/28/29 13	9/13/29 L)	9/34/2013	9/13/2013	9/24/2013	9/23/29 L3	9/33/2913	9/23/2013
Brangilo Müsterita (Uzali)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Waste (mg/kg)	Studyo Winsto (mg/kg)	Liquid Wasts (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/hg)
Alembern	IRI J	114.1	(6)	211	184	79.0	423	174.4	13.4		
Arthmotry	ND	ND		ND	ND.	ND	XD	ND ND	ND ND	ND ND	
Armeio	MGJ	M9 J	947.4	1-12	ND.	P-5) d	0.55 J	631 4	24	ND ND	<u>NB</u>
Berlym	44.1	14.1	23.7	#J	111.7	ND	JH	149.4	131 J	14 3	<u></u>
Berellian	_ND	ND O	. ND	ND	ND .	ND ND	ND	ND	ND		M
Cedmium	ND.	ND	MIL	813.7	ND	ND.	435 4	195	ND ND	ND.	ND
Celcium	(957	363	1374	6.31	75	Mo	6470	77.2	ND	ND ND	ND.
Chrombun	0.33.3	0.5 /	163	. 11.9	6.57 J	LIN DE	161	112	ND ND		ND.
Cotets	ND.	ND .	34.2	13.1	24.4	41.1	524	-43	ND ND	MIJ	X9.
Corpet	ы.	0.53 /	341	169	14.1	9.52.4	61.7	14.4		41	ND
lton.	451_	634.	1,040	4.219	877	23.7	7,510	137	23.0	75.9	4412
i cod		M)	143	124	44	ND	160	79	ND	0.76.4	141
Magne store	114.0	184	230 £	101 4	ND .	ND	40.7	ND O	ND ND	ND ND	
Merraga record	4.4	1	17.0	23.9	14	0.51 8	IN I	19.7	645.4	941.2	ND
Nickel		6.23	N.	11.1	9.45.3	414	7.1	. 14.4	943 Z	ND	- IA I
Potention	1.499		614_	44	16396	1239	177.4	201	239 4	500 J	ND
Schriftum	949 7	M	6.78 4	141.7	XD.	13.1	117	14.4	9/0.1	677.7	Mb.
Silver	No	NO.	20	ND	ND .	ND NO	829.4	ND	ND .	ND	MD ND
Sodim	13,990	1000	6.270	3.599	A.799	74.199	444	149	13,690	750	
Pelion	ND			ND	ND.	ND		ND .	ND ND	ND ND	57-1 J ND
Variation	ND	9	9.79 A		9	ND	0.77 8	9.84.3	MD	- ND	
Zira	AL .	1	Į.	LI7.		33.6	1/79	94	19.1	- 24	ND.
Mercury	LND	ND.	MH	9.896 L Z	ND .	ND N	9429.7	0.70	ND	ND ND	ND.
	0.45 J	111	944	9.71	1.3	149 /	431	mı	24	627.1	
Cyarde											
Cymids											6.16 <u>.1</u>

11.57 2 flumple (D	P00 I- DW-2006-1	P001-DW-2017-1	P001-DW-2048-1	P001-DW-7050-1	P001-DW-3851-1	F901-DW-2053-1	PR01-DW-2050-1	P001-DW-2000-1	P001-DW-2043-1	P001-DW-2043-1	P001-DW-2064-1
CLP Suspin ID	MBAZW3	MBGAGS	MBAEW4	MBAZWI	MBAZWe	MBAZX4	MBADO	MBAZYI	MBAZXI	MDAZK!	MBAZB7
Ала	Ares#3	Arrel2	Ares63	Arrest)	Arrel2	Arrell)	AHER2	Apreli2	Arrell3	Arret2	Arrel2
Sampling Date	9/24/2013	9/34/2013	9/24/29 (3	9/34/2013	9/34/2013	9/25/2913	9/35/2013	9/25/2013	9/25/2013	9/25/29 13	9/23/28 (3
Sample Matrix (Ualt)	Liquid Waste (mg/lq)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (cop/bg)	Liquid Waste (mg/kg)	Ligati Waste (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (mg/b)
Altern pure	78.1	131 /	ND.	114	351.	2.9	ND				
Artirom	ND.	330	ND	ND	ND ND	ND ND	- NU	1127		1639	
Atacris	ND.	ND ND	NO	ND I	ND.	ND ND	ND ND	ND	ND ND	7.0	ND.
Berlum	ND ND	ND	947.4	23.9	29.4	33.	ND ND	ND	ND.	487	NO.
Berndhum	Q4 T	ND	ND.	150	ND	ND ND	ND ND	78.7	ND.	430	MIL
Cadenium	ΦN	MD	ND.	ND -	. NO	- XB		λĐ	9	9	ND.
Calcium	239 4	87.4	33.9 4	181	201.2	ND ND	ND .	ND	ND.	0.59	ND.
Chronium	262.4	ND.	ND	13	M1 4		ND.	381.2	ND.	1429	JH J
Cohett	ND ND	30	ND ND	13.7	- NT 4	41	ND.	ND		79.5	P45 /
Course	976.4	124	ND	47.4	71.	911	ND	6.91.3	ND.	. 94	
lren	199	- 10	19.1	397			20	- 4	ND.	399	14
Led	637.4	- 31	0.71 J		102	1270		444	14	446	R
Megraphan	. ND	ND.	29	67.4	ND ND		9	43.4	947 2	161	5
Mengenera	14	ND.	949.4	.144	Si .	- ND	ND .	ND_	254 2	179.4	151 4
Nickel	631	ND	ND.	14.7	MI.		ND		ND.	750	77
Potessium	772	ND ND	H2.1	763		947.4	ND	14.4	14.	192	941 J
Selection	636.4	MS I	ND	9,71	340 PAS 4	96.9.1	447.	49.4.4	101	177	191
Hwi	ND	NP	ND.	ND -		771		11.1	ND		657
Sodium	78	ND -	5489	DO:	ND	ND	ND	ND.	ND	N14.1	סא
Dellara	. ND	ND ND	ND		שנע	1941	19,000	ND.	99,046 D*	3349	15.0
Vanedium	NO.	ND ND	ND ND	ND.	ND.	ND -	ND	MD	ND.	ND .	P
Zine	160	244		ND ND	N	0.45 J	ND.	ND.	ND.	מא	Ę
Mercury	1 80	.XD	<u></u>	11.0	78.4	147	14.4		3.7.7	159	
Cyanida	947		ND .	ND	ND	MAL	64/2.1	LI TAN	0.042.2	0.045.7	ND N
Cyanaca	9.607	43) 1	0.31 2	1.2	ננ	491	14	Als J	631.7	ND	411

Notes:
All results are profitationary and have and good through any data seview or validations processes.
Detected concentrations are Bubbled.
R. - Bample concentrations causeded the upper loved of the call best for range.
J - Indicates the supports where is an entimens.
D - Indicates that sumply was remarkantly as it is higher dilution.
N - Indicates that sumply was remarkantly as sumply.
ND - Indicates the sum by an est confirmen of the sumply.
ND - Indicates the sum by an est confirmed for the transfer of the confirment of the sum by an est confirmed for the transfer of the confirment of the sum by an est confirmed for the transfer of the confirment of the sum by an est confirmed for the sum by an est confirmed for the sum of the sum o

Table 5 Preij ni mary Analytic di Data Summary Table - I see pasics Superior Borrel and Drum Sin Supumber 2013

	P001-DW-2065-1	P001-DW-2067-1	P001-17W-2069-1	P081-DW-2873-1	P081-DW-3874-I	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2006-1	P001-DG-2007-1	P081-DW-2090-1	P001-DW-2090-2
CLP Semple ID	MBAZXI	MBAZXS	MBAZES	MBAZWY	MBA7X6	MBAZX9	MBATRY	MBAZXI	MBAZYO	MBB007	MBB000
Area	Arrell)	Arrell)	Ares#2	Aire#2	Arte#3	Arra#1	Arve02	form.	Ares02	Arrel3	Ares#3
Sumpling Dese	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2913	W15/2013	W23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Semple Mourts (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Weste (mg/kg)	Liquid Waste (mp/kg)	Liquid Wests (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)	Studge Wests (mg/kg)	Liquid Waste (mg/kg)	Liquid Wests (mg/
Alumerama	NO.	(14)	14.7	9.9-1	ND	9	100	10.1	ND	143 J	11.9 7
Antimony	ND	ND	DA.	ZD	ND ND	Ð	, D	9	79	ND	ND
Arperdo	NO	0.57 1	B.19.4	941.4	ND	9.41 J	9	9	629 /	ND	20
Bericon .	MIJ	1141 4	. WH I	29	29		37	20	841 7	17 i	14.7
lerythium		ND	ND	ND	29	29	ND.	9	ND	NID	ND ND
Cadmium		ND.	ND	ND.	ND	ND	ND .	2	79	ND ND	<u> </u>
Celtrion	ND.	1314	14.1		120	90	34.8 (XD	14.9 1	697 8	14
Teromber	ND.	121	614	ND	9	6361	מא	2	NO.	197	147
ohelt	1/0	414	633	ND.	79		ND	9	ND		11.7
оррет	944 /	- 44	34	947 4	NO	MD	NO.	70	ND	14 /	181
(OR)	IN)	3,370	178		ND	344)55 P	33.9	167		54
c4	14		4.5	ND.		ND.	111	- 14	ND	ND ND	NO
agradian	1/20	670.1	151	NU.	NU	ND	NU	22	ND ND	8.79 J	9913
Anges reces	, jo	41.1	44	ND	NO.	101	7.4	120		140	9917
ichal	1/0	33.1	100	ND .	ND	ND	ND	ND ### #	12(1 MD	ND 084	133
classium	6411	615	933	4,900	81.7 J	130.7	344.1			14.1	496 1
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ing	694.1	105	347	HI	ND.	14.1		1 L J	1444	ND ND	100
Marcary Cyanide	846 J ND	8834 J 630 J	NDN .	ND ND	ND ND	ND ND	AD N	613 /	ND ND	447	0.75
RST 2 Semple ID	P001-DW-2093-1		P001-2/W-2160-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2119-1	P001-DW-2131-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5003-1	P001-DW-5000
		P001-DW-2004-1									
LP dample 1D	MBB009	MCB20010	MB9011	MRB#13	MBB613	MRB014	MBB01 9	MQLB014	MBAZNI	MBAZN3	MBAZNJ
LP Sample ID	ARBROS Artelia	Attra02	MBBB11 Ares63	MRBF1 3 Ares#2	MBB013 Ares02	MRB014 Ares02	MBB019 Ares#3	MEABOL6 Arra04	MBAZNI Arrett	MBAZN2 Arra#5	MBAZN3 Arests
CLP Sample ID Area Jampling Date	MBB009 Artel2 9/27/2013	MINDELO Arra02 9/27/2013	MISBOS I Ares02 9/27/2013	MRB013 Ares02 9/27/2013	MRB#13 Are#2 9/37/2813	MRB014 Ares02 9/27/2013	MBB019 Ares02 9/27/2013	M23801 6 Are:64 9/27/2013	MBAZNI Arreiti 9/18/2013	MBAZN2 ArreS 9/18/2013	MBAZN3 Areses 9/18/2013
CLP Sample ID Urea Jampling Dess Jample Matrix (Unit)	MBB009 Art off2 W17/2013 Liquid Weste (mg/kg)	Arrae3 W27/2013 Udqidd Wasta (Dayfig)	MISB#11 Are#23 9/27/2013 Liquid Wasta (mg/kg)	Areses 3 Areses 2 9/37/2013 Liquid Wasto (mg/kg)	MRB#13 Arve#2 9/37/2013 Liquid Waste (mg/kg)	MRB#1 4 Arc##2 9/27/2013 Eleptid Waste (mg/kg)	MBB019 Ares02 9/27/2013 Liquid Waste (mg/kg)	M238016 Ares04 9/27/2013 Liquid Waste (mg/kg)	MBAZNI ArrelS 918/2013 Liquid Waste (togritg)	MBAZNZ ArrelS 9/18/2813 Liquid Winte (mg/kg)	MBAZN3 ArestS 9/18/2013 Liquid Weste (m
CLP Sample ID Area Sampling Dess Sample Matrix (Unit) Abuninum	AGBB009 Are off2 9/27/2013 Liquid Weste (mg/kg) ND	Arrai03 W27/2013 U.iquid Waste (mg/kg) 45.0	NEBB11 Are #03 9/27/2013 Liquid Weste (mg/kg) ND	MRB913 Ares02 9/37/2013 Liquid Wests (mg/kg) 15.1 J	MBB013 Ares02 9/37/2013 Liquid Waste (mg/kg) ND	MRB014 Area02 9/27/2013 Liquid Waste (mg/kg) 18.7 J	MBB019 Ares02 9/27/2013 Liquid Waste (mg/kg) 18.0 J	MABRI 6 Ares64 9/27/2013 Liquid Wester (mg/kg) 71/7	MBAEN1 ArestS 918/2013 Liquid Waris (mg/kg) ND	MBAZN2 ArrelS 9(18/2813 Liquid Winte (mg/kg) NO	MBAZN3 Aread5 9/18/2013 Eliquid Waste (to 36
TLP Sample ID Live ampling Date ample Matrix (Unit) Marrison utinopy	MB8009 Art off2 W27/2013 Liquid Woste (mg/kg) NO NO	MIRROLO Arva03 W27/2013 Eliquid Weste (mg/kg) 47.8 NT)	MBB#11 Are#83 9/27/2013 Edgeld Wasts (mg/kg) ND ND	MRB#12 Ares#2 #27/2013 Liquid Wests (mg/kg) 15.1 J ND	MBB#13 Ares#2 #/31/2#13 Liquid Weste (mg/kg) ND ND	MRB01 4 Ares02 9/31/2013 Liquidi Wasta (mg/kg) 15.7 J 14.0	MBB014 Ares03 9/37/2013 Liquid Weste (mg/kg) 18.9 J ND	MEBBI 6 Ares04 9/27/2013 Liquid Waste (mg/kg) 717 ND	MBAZNI ArrelS M18/2013 Liquid Wate (mg/kg) ND ND	MBAZN2 Arrell5 9/18/2813 Liquid Winze (mg/kg) ND	MBAZNJ AreadS 9/18/2013 EJigald Wanto (n Jid ND
LP Sample 1D Lrea sample Date sample Matrix (Unit) Jerninem stimony	MBB009 Art off2 W17/2013 Liquid Waste (mg/kg) ND ND ND	ACESSES Arva82 W27/2813 Liquid Wests (mg/kg) 61.8 NS	MEBBI I Are #02 9/27/2813 Liquid Weste (mg/kg) ND ND ND	MEBB 2 Ares 2 9/27/2013 Liquid Wasta (mg/kg) 15.1 J ND	MBB613 Ares62 Wy7/2613 Liquid Weste (mg/kg) ND ND ND	MRB61 4 Area62 9/27/2013 Liquid Waste (mg/kg) 19.7 2 14.9 ND	MBB019 Ares02 9/27/2013 Liquid Wester (mg/kg) 18-9 1 NO 0-19-4	MEABOL 6 Arradd 9/27/2013 Liquid Waste (mg/kg) 7 L/7 ND ND	MBAZNI Arvell 9/19/2013 Liquid Waste (mg/kg) ND ND	MBAZN2 ArrelS 9/187813 Liquid Winte (mg/kg) ND ND	MBAZNJ ArvetS 9/18/2013 Eliquid Waste (n 34
LP Sample ID rea sample Date sample Maints (Unit) Abuntany sample Maints (Unit)	MDB009 Art off2 W17/2013 Liquid Weste (mp/kg) ND ND ND ND ND	Arrad2 W27/2013 Liquid Waste (mg/kg) 41.4 NSD ND 2-1-4	MBB#1 Art #23 9/27/2913 Liquid Wester (mg/kg) ND ND ND ND	MRD#1 2 Are s#2 #777/2013 Liquid Weste (mg/kg) 15.1 J ND 24 6.79 J	MBB#13 Ave#2 wyr/z#13 Liquid Weste (mg/kg) ND ND ND	MRB81 4 Ares82 9/31/2813 Liquid Waste (mg/kg) 19.7 J 14.9 ND	MBB019 Ares02 0/27/2013 Liquid Wester (mg/kg) 18-0 4 NO 0-19-4 7-4-8	MEBB16 Ares84 6727/2013 Liquid Waste (mg/kg) 717 ND ND ND Jul	MBAENI ArredS 919/2913 Liquid Waste (mg/kg) ND ND ND ND	MBAZY2 Aread5 9/10/2013 Liquid Winte (mg/kg) 3/20 3/20 3/20 3/20 3/20 3/20 3/20 3/20	MBAZN3 Area65 9/18/2013 Liquid Waste (n M ND ND
TLP Sample ID ure a ampling Dete ample Matrix (Unit) thurd part stringer stringer stringer stringer stringer	MBB009 Art ali2 W17/2013 Liquid Watte (cm/kg) ND ND ND ND ND ND	Armest o Ares#2 #127/2013 Liquid Wests (mg/kg) #1.4 NT3 ND 2-1 J. ND	MBB#1 Art #2 9/27/2813 1	MRB#13 Are #22 #27/2013 Liquid Wests (ng/kg) [5.1.8 NT) L4 6.79 8 ND	MBB#13 Are#2 Wy7/2#13 Liquid Weste (mg/kg) ND ND ND ND ND	MRB#1 4 Are#2 9/27/2013 Liquid Waste (mg/kg) 187 8 169 NO NO	MBB019 Ares#2 9/27/2013 Liquid Wester (mg/kg) 189 d NO 0-19 d ND	MEABB1 6 Arradd 9/27/2013 Liquid Weste (mg/kg) 71-7 ND ND ND JR J ND	MBAEN1 Aree85 919/2913 Liquid Waste (mg/kg) ND	MEAZY2 Arraf5 9/10/2013 Liquid Winte (tog/kg) ND ND ND ND	MBAZN3 Area65 9r(8/2013 Liquid Waste (n M ND ND ND ND ND ND ND ND
LP Sample 1D tre ampling Deta ample Notrix (Usit) burn nem tricosy Corris critical	MBB009 Arrell W17/2013 Liquid Weste (mg/kg) ND ND ND ND ND ND ND	MIDB10 Area02 W27/2613 Liquid Weste (mg/kg) 61.8 ND 2-1 d ND	MBB#1 Arr#2 ST	MED#13 Ares#2 6/37/2013 Liquid Wests (mg/kg) 15.1 J ND 14 6.79 J ND	MBB#13 Ares#2 Wg178913 Liquid Weste (mg/kg) ND	MRB#1 4 Are #82 9/27/2#13 Lidquid Waste (mg/kg) 18.7 J 14.9 ND ND ND	MBB019 Ares#2 9/21/2013 Liquid Westr (mg/kg) 180 4 ND	MEBB16 Ares84 9:27/2013 Liquid Weste (mg/kg) 71/7 ND ND ND J4 J ND ND	MBAENI Arro85 918/2013 Liquid Waste (rug/kg) ND ND ND ND ND ND ND AND ND N	MHAZY 2 Arrest 5 91 (1979 1 3 Liquid Weste (mg/kg) ND ND ND ND ND ND	MBAZNJ Arrad5 9r18/2013 Liquid Warte (n J4 ND
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LP Sample 1D tre amples Des ample Matrix (Unit) berificen stif knosy garit garit stim stim stim	MBB009 Art of I W17/2013 Liquid Wests (mg/kg) 100 100 100 100 100 100 100 100 100 10	Mm381 0 Arest2 W777813 U4q46 Wosts (mg/tg) #1.1 ND PD 2-1 d ND ND ND ND ND ND ND ND ND N	MBB#11 Arra#2 9/27/2813 1-24/281 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-2	MRD#12 Are #02 #7772913 Liquid Weste (mp/hg) #51.1 ND #4 #57.7 ND #58.1 ND #59.7 #	MRB#13 Are#2 %y7/2813 Liquid Wests (my/tg) ND ND ND ND ND ND ND ND ND N	MEBB1 4 Are nb2 6/37/2813 Liquid Wests (mg/kg) 18-12 14-5 ND	MBB019 Arest2 6/77/2813 Liquid Warte (mp/tg) 186 d NO 6/11 d ND KD KD KD 184 d KD	Mrs.1001 6 Arradd 6 9737/2013 Liquid Wasse (mg/hg) 7 15 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MGA EN1 Acro85 #18/2013 Liquid Waste (tig/fig) ND	MBAZN1 Arrel5 #(E72)13 Liquid Wate (mg/kg) ND	MBAZNI Arest5 9/18/2013 Liquid Wasto (n ND ND 6 J ND ND ND 151 4
TJP Sample ID UP Sample Des sample Matrix (Usi) buri from si lenory goris sation goris deform buriden deform buriden deform buriden deform buriden	AGB809 Art ell W177/2013 Unjed Water (mg/kg) R0	htmps: 6 Area62 writtel: 3 Liquid Wests (my/kg) e1.4 N10 24.4 N10 24.5 N10 24.5 N10	MEBBH 1 Art #03 9777/813 Liquid Weste (mg/kg) ND	MRD#13 Are #07 6-77/2013 Liquid Weste (mg/kg) 161,1 ND 144 6-7-2 ND ND ND 198-3 6-51,1 ND	MEBB13 Arest2 syf/th13 Liquid Weste (my/tg) ND	MEBB1 6 Are s62 9/37/2813 Liquids Waste (sapfig) 187.7 169 ND ND ND ND ND ND 015.8 3.8 3.8	MBB01 9 Ares02 977/2813 Liquid Waste (mp/leg) 18-6 J ND ND ND ND ND ND ND ND ND N	MG2881 6 Arradd Arradd 67272013 Liquid W uses (mg/kg) 717 ND ND ND J4 J ND ND 34 J 44 64 64 64] 3	MBAEN! ArredS #19/2013 Liquid Wario (mg/ng) ND ND A44 3 ND	MIRAZNI Arest5 6/10/2013 Liquid Wests (mg/kg) ND ND ND ND ND ND ND ND ND N	MBAZNJ Ares65 9r(8/2013 Liquid Waste (n ND ND ND ND ND 151 J 151 J
LP Sample ID LP Sample ID ample Marris (Val) berinan stroop stroo	MBB609 Arref3 Arref3 W17/2013 Liquid Wrest (mg/kg) 100 100 100 100 100 100 100 100 100 10	Mm301 0 Arrel2 W7772013 Liquid Wests (mg/kg) M1 All All All All All All All	MBB#11 Arra#2 9/27/2813 1-24/281 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-24/2813 1-2	MRD#12 Are ## 22 ## 277/2913 Liquid Weste (rap/tq) ## 1, 1 ND Liquid Weste (rap/tq) ## 2, 22 ND ND ND ND ND ND ND ND ND	MRB#13 Are#2 %y7/2813 Liquid Wests (my/tg) ND ND ND ND ND ND ND ND ND N	MSBei 4 Arené2 W17/2815 Liquid Wasse (mg/kg) 15.7 f. 14.9 ND	MBB019 Ares02 9:77/2813 Liquid Weste (mg/kg) 186 (mg/kg) NO 6:18 J 7.2 J ND SD 8:10 ND ND ND ND ND ND ND ND ND N	Mrs. 184 6 Arradol 927/2013 Liquid Wasse (mg/kg) ND ND ND SB SB SD ND 104 6 64 64 68 1	MCBA EN1 Arred5 M18/2813 Liquid6 Waris (rag/hg) ND	MGAZN1 Area5 9(10/2013 Liquid Winne (ng/kg) ND ND ND ND ND ND H4 44	MBAZNJ Arref5 9/18/2013 Liquid Waste (n ND ND ND 6 J ND ND 151 4 7.8
LP Sample ID The sample Morris (Val) Interpolacy Designation of the Sample ID Interpolacy Des	AGB809 Art ell W177/2013 Unjul W were (my/kg) RD	Member 0 Aread2 ##27/2613 Liquid Wests (mg/kg) #14 N13 N20 N20 N20 N20 N20 N20 N20 N2	MEBBH 1 Arrad3 9777/813 Liquid Weste (mg/kg) ND	MRD#13 Are #07 6*77/2013 Liquid Weste (mg/kg) 161.1 ND 144 6.70 3 ND ND 180 180 180 180 180 180 180 180 180 180	MEB#13 Ares#2 #97(7813 Liquid Weste (mp/tg) ND	MEBBH 4 Are s82 8/37/2813 Liquids Waste (ng/fg) 187.7 148 ND	MBB01 5 Ares02 977/2813 Liquid Waste (mg/leg) 186 J ND ND ND ND ND ND ND ND ND N	MG28816 Arrafel Arrafel 67272013 Liquid Wasse (mg/kg) 717 ND ND ND 344 ND	MBAZNI Arrold 918/2013 Liquid Waste (tog/kg) ND ND SD SD SD SD SD SD SD SD	MBAZN1 Arest5 9(187813 Liquid Winne (mg/kg) ND ND ND ND ND ND ND ND 114 J 44 144 J 44 J 55	MBAZNJ ArradS 6r18/2913 Liquid Wasts (n M ND ND ND SD ND
LP Sample ID 174 175 176 177 177 177 177 177 177	MBB609 Arreft1 Arreft2 W177/2013 Licede Weste (mg/kg) 100 100 100 100 100 100 100 100 100 10	Arrel2 47772813 Liquid Worte (mg/kg) 47.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MEBBit I Arrad3 9777281.5 Llaydd weste (mg/kg) ND	MRD913 Asset2 6/37/2013 Liquid Weste (mg/hg) 15.1 J	MGB013 Arest2 8/71/2013 Liquid Waste (mg/rg) ND	MRRB01 4 Arca02 Arca02 Arca02 Arca02 Arca02 Arca02 Arca02 Liquida Wasta (mg/kg) Lipuida Wasta (mg/kg) Lipuida Wasta (mg/kg) ND ND ND ND ND ND ND ND ND N	MBB01 5 Arra#2 477/2813 Liquid Waste (mg/ng) 18 6 ND 51 1 4 ND ND ND 673 4 ND 194 AD 194 AD 194 AD 194 394 R	MGLBB16 Arradd 6727/2013 Liquid Waste (mg/kg) 7 kT ND	MBAZN1 Arred5 \$19.729.13 Liquid Warie (rag/lig) ND	MBAZN1 Arrest 9(10/2013) Liquid Water (mg/kg) ND ND ND ND ND ND ND ND H4 4 144 44 45 44 45 157	MBAZNI Arref5 #18/2013 Liquid Weste (t 34 ND
LP Sample ID Ne Implies Des Implies Des Implies Des Implies Martis (Val) Implies Implies Martis (Val) Implies	AGB869 Art et 2 W177/2013 Uspeld Water (mg/kg) RD	Mc1001 0 Area02 Wr217sh13 Liquid Wests (mg/kg) 07.4 N10	MEBBH 1 Art #03 9777/813 Liquid Weste (mg/kg) ND	MRD#13 Are #67 6*77/2013 Liquid Wests (mg/kg) 161.1 ND 144 6.72 3 ND ND 188.3 6.51 3 ND 6.54 3 ND 7.57 7 7.5 8 7.5 8 7.5 8 7.5 8	MGB#13 Arve#2 #97(7813 Liquid Wests (mg/kg) ND	MEBBH 4 Are s62 9/37/2813 Liquids Waste (sapfag) 187.7 148 ND	MBBet 9 Ares 2 977/2813 Liquid Waste (mg/liga) 164 J ND -184 J ND -184 J ND -184 J ND -184 ND	MG28816 Arradd Arradd 67272013 Liquid Wasse (mg/kg) 717 ND ND 140 ND 140 140 44 64 64 64 64 14 ND	MGAZN1 Arrold 6116/2013 Liquid Waste (cog/kg) ND ND ND ND ND ND ND ND ND N	MBAZN1 Arest5 9(18791)3 Liquid Wann (mg/kg) ND ND ND ND ND ND ND ND ND 114 J 44 144 J 55 157 157 157 157 157 157 157	MBAZNJ ArradeS 97(8/2013 Liquid Wests (t) 36 ND ND ND ND 151 4 7,8 255 56 641
LP Sample ID IVE ampling Data ampling Data ample Marris (Val) berfrom gricosy stricosy stric	MBB609 Arrel21 W177/2013 Liquid Weste (mg/kg) 100 100 100 100 100 100 100 100 100 10	MCD0010 Arrel2 9/7/7/2013 Liquid Worte (mg/tg) 67.4 57.9 57.	MEBBH 1 Arra#3 PG77731.5 Llayed weet (mg/kg) ND	MRD913 Are 892 6/37/2013 Liquid Weste (mg/hg) 15.1 J 15.1	MGB913 Arest2 47(7081) Liquid Weste (mg/tg) ND ND ND ND ND ND ND ND ND N	MRRB01 4 Arra62 Arra62 Arra62 Liquida Wasta (mg/kg) 16.7 16.7 19.9 10.	MBB01 5 Arest2 Arest2 Arest2 Liquid Waste (mg/ng) 18 6 ND ND ND SD 67.1 4 ND ND 67.1 4 ND 184	MGLBB16 Arradd 47772013 Liquid Water (mg/kg) 7 kg ND	MBAEN1 Armed 9719/2013 Liquid Warte (mg/hg) ND	MBAZN1 Arrest 9(10/2013) Liquid Water (mg/kg) ND ND ND ND ND ND ND ND H4 4 144 44 45 44 45 157	MBAZNJ ArrutS 6r18/2013 Liquid Wanto (n ND
LP Sample ID The sample Mortris (Unit) Invariant Mortris (Unit) Invariant Mortris (Unit) Invariant Invari	AGB809 Art of 2 W177/2013 Unjud Worse (mg/kg) RD	Members Aread2 ##27/2613 Liquid Wests (mg/kg) ##1 ND ND ND ND ND ND 124 d ND ND ND 129 d 43 d ND ND 144 d ND 155 d ND 144 d ND 155 d ND 156 d ND 157 d 158 d 158 d ND 158 d	MEBBH 1 Art #03 9777/813 Liquid Weste (mp/kg) ND	MRD#13 Are #67 6*77/2013 Liquid Weste (mg/tg) 161.1 ND 144 6.72 ND ND ND 188.3 6.51 ND 6.34 7.57 7.7 7.7 7.8 7.9 ND	MGB#13 Ares#2 #97(781) Liquid Water (mg/kg) ND	MERBH 4 Area82 977/2813 Liquid Wates (mg/kg) 187.7 149 ND ND ND ND ND ND ND ND ND N	MBBet 9 Ares 2 977/2813 Liquid Waste (mg/lgp) 184 J ND ND ND ND ND ND ND ND ND 184 184 ND	MG28016 Arrabl Arrabl 67272013 Liquid Wassa (mg/kg) 717 ND ND ND 140 ND ND ND ND ND ND ND ND ND N	MGAZNI Arred5 #18/2013 Liquid Waste (cog/kg) ND	MBAZN1 Arred5 9(10/2013) Liquid Watte (mg/kg) ND SD 44 44 44 45 45 88 63 (17 ND	MBAZNJ Arendd #18/2013 Liquid Wanto (i ND. ND. ND. 15.1 15.1 17.2 5.5 6.4 ND.
LP Sample ID LP Sample ID Ample Marris (Unit) Am	MBB609 Arrel21 W177/2013 Liquid Weste (mg/kg) NO NO NO NO NO NO NO NO NO N	Member 0 Arrel2	MEBBH 1 Arrard 3 9777/3813 Liaquid Wester (mg/kg) ND	MRD#13 Are#21 6/37/2013 Liquid Weste (mg/kg) 15.1 J ND	MGB013 Arest2 97(7081) Liquid Weste (mg/rg) ND ND ND ND ND ND ND ND ND N	MERBH 4 Arraft2 Arraft2 Arraft2 Liquids Wasta (mg/kg) 18.7 f 18.7 f 18.7 g 19. D 10.	MBB01 5 Arest2 Arest2 Arest2 Liquid Waste (mg/ng) 18 6 ND ND ND ND 18 14 ND 18 4 ND 18 5 ND 18 6 ND 18 7	MGLBB16 Arradd 47772013 Liquid Water (mg/kg) 7 ji 7 ND	MBAEN1 Armed 9719/2013 Liquid Warte (mg/hg) ND	MBAZN1 Arest5 9(18791)3 Liquid Wann (mg/kg) ND ND ND ND ND ND ND 144 144	MBA 27/3 AreadS er (areadS) er (areadS) er (areadS) ND
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LP Sample ID LP Sample ID LP Sample ID LP Sample Marris (Usit) burfrum Le loady Syrth Le loady Le l	MBB609 Arrel21 W777/2013 Liquid West (mg/kg) ND ND ND ND ND ND ND ND ND N	Member 0 Arrel2	MEBBH 1 Arrel03 9777/3813 Llayed Wester (mg/kg) ND	MRD913 Asset2 6/37/2013 Liquid Weste (mg/kg) ND	MGB013 Arest2 \$777.0013 Liquid Wests (mg/tg) ND ND ND ND ND ND ND ND ND N	MERBH 4 Arraft2 Arraft2 Arraft2 Liquid Wasta (mg/kg) 18.7 1 18.7 1 18.9 1 19.9 10 10	MBB91 5 Arest2 Arest2 Arest2 Arest2 Liquid Waste (mg/ng) 18 6 ND ND ND ND 18 1 Arest2 ND ND ND 18 4 18 5 ND 18 4 ND 18 4 18 5 ND 18 4 18 5 ND 18 5 18 6 18 7	MGLBB16 Arradel 47772013 Liquid Water (mg/kg) 717 ND	MBAEN1 Armed 9719/2013 Liquid Warte (mg/kg) ND	MBAZN1 Arrel5 9(10/2013) Liquid Watte (tog/kg) ND ND ND ND ND ND ND ND ND 144 144 143 145 157 157 150 157 150 157 150 157 150 157 150 150 150 150 150 150 150 150 150 150	MBAZNJ ArredS 4 r18/201] Liquid Wests (t) ND
TLP Sample ID UP a sample ID bus sample ID	AGB869 Acres Wirring W	Members Aread2 #7277813 Liquid Wests (mg/kg) #73 ND ND ND ND ND ND 127 d ND 128 d ND 134 d ND 144 d ND 144 d ND 144 d ND 145 d ND 146 d ND 147 d ND 148 d ND	MEBBH 1 Arra03 9777/813 Liquid Waste (mp/kg) ND	MRD913 Are 982 #777/2913 Liquid Warte (mg/tq) 16.1 J ND 14. Are 982 ND ND 14. ND ND 18. J	MGD813 Arest2 NyTrish13 Liquid Waste (mp/q) ND	MERRI 4 Arcat2 #777/2013 Liquid Wasse (rap/tg) 15.7 f 14.9 ND	MBB01 5 Arres2 9727/2013 Liquid Warte (mg/kg) 18 6 / 18 6 / 18 7 / 17 4 / 18 0 80 973 4 / 18 6 / 18 6 / 18 6 / 18 7 / 18 6 / 18 7 / 18 7 / 18 7 / 18 7 / 18 7 / 18 7 / 18 8 / 18	MCADB14 Arrable MC27/2013 Linquist Wasse (mg/kg) 717 717 717 700 ND ND As a 3 a 3 ND 101 d 4 a 4 d 6 2 1 d 5 ND ND ND ND ND 101 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d 6 d 6	MBAEN1 Arrold Arrold P18/2013 Liquid Waste (mg/hg) ND	MBAZN1 Arrold S 9/10/2013 Liquid Watte (mg/kg) ND	MBAZPU Arraf8 Ar
TuP Sample ID TuP Sample ID Sample Matrix (Ualt) Sample Matrix	MBB609 Arrel21 W777013 Liquid West (my/kg) ND ND ND ND ND ND ND ND ND N	Member 0 Arrel2	MEBBH 1 Arrel53 PG7773813 Llayed Wester (mg/kg) ND	MRD#13 Are #21 6/37/2013 Liquid Weste (mg/kg) 15.1 J ND 15.1 J ND 15.1 J ND 15.1 J ND 17.1 N 17.1	MGB013 Arest2 \$777.0013 Liquid Wests (mg/tg) ND ND ND ND ND ND ND ND ND N	MERBH 4 Area82 Area82 Area82 Liquid Wasta (mg/kg) 18.7 J 18.7 S ND ND ND ND ND ND ND ND ND N	MBB015 Arest2 Arest2 Arest2 Arest2 Liquid Waste (mg/lg) 18 f ND 18 f 18 f ND ND 18 f 14 f ND 18 f 18 f ND	MGL981 6 Arradol 4737/2013 Liquid Water (mg/kg) 71,7 ND	MBAEN1 Arred5 \$112/2013 Liquid Warte (mg/kg) ND	MBAZN1 Arrel5 9(187913) Liquid Watte (tog/kg) ND	MBAZPU Arreld Ar
TLP Sample ID LIVE ample ID Sample	MBB000 Arrafil Arrafil M17/2013 Liquid Weste (my/kg) ND	Armse 10 Armse 2 Armse	MCBBit I Arrad3 Arrad3 Arrad3 Liquid Waste (mg/kg) ND ND ND ND ND ND ND ND ND N	MRID913 Are 982 #777/2013 Liquid Weste (mg/kg) 16.1 f 16.1 f 17.	MGB813 Arest2 N7779013 Liquid Waste (mg/q) N0	MERBH 4 Areat2 #727/2013 Liquid Wasse (rap/tg) 187 2 187 3 ND ND ND ND ND ND ND ND ND N	MBB01 5 Arres2 9727/2013 Liquid Waste (mg/ng) 18 6 / 18 6 / 18 6 / 17 4 / 17 4 / 18 0 18 1 / 18 0 18 1 / 18	MCRAB1 6 Arradel Arradel MC27/2013 Linguist Warse (mg/kg) 757 ND ND ND As a ND ND 104 d 64 d 62 1 d ND ND ND ND ND ND ND ND 104 d 64 d 65 1 d ND ND ND ND ND ND ND ND ND N	MBAEN1 Arrold Arrold P19/2913 Liquid Waris (mg/kg) ND	MBAZN1 Arro85 9/10/2013 Liquid Watte (mg/kg) ND	MBAZPU Arrafs Arrafs Arrafs ME2013 Liquid Weint MO ND
TuP Sample ID TuP Sample ID Sample Matrix (Ualt) Sample Matrix	MBB609 Arrel21 W777013 Liquid West (my/kg) ND ND ND ND ND ND ND ND ND N	Member 0 Arrel2	MEBBH 1 Arrel53 PG7773813 Llayed Wester (mg/kg) ND	MRD#13 Are #21 6/37/2013 Liquid Weste (mg/kg) 15.1 J ND 15.1 J ND 15.1 J ND 15.1 J ND 17.1 N 17.1	MGB013 Arest2 \$777.0013 Liquid Wests (mg/tg) ND ND ND ND ND ND ND ND ND N	MERBH 4 Area82 Area82 Area82 Liquid Wasta (mg/kg) 18.7 J 18.7 S ND ND ND ND ND ND ND ND ND N	MBB015 Arest2 Arest2 Arest2 Arest2 Liquid Waste (mg/lg) 18 f ND 18 f 18 f ND ND 18 f 14 f ND 18 f 18 f ND	MGL981 6 Arradol 4737/2013 Liquid Water (mg/kg) 71,7 ND	MBAEN1 Arred5 \$112/2013 Liquid Warte (mg/kg) ND	MBAZN1 Arrel5 9(187913) Liquid Watte (tog/kg) ND	MBAZNI Arrest Ar

Notes;
All results are predictionsy and laws not goes through any data serview or wilderloss process.
Detected occonnectations are Belded.

8 - Sample occonnectations consecuted the upper lawel of the celibration range.

J - Indicates the reported value is an entired to a higher dilution.

N - Ladicates the ample was enabled and the signed dilution.

N - Ladicates persumptive widers of the souther.

* Result reported those a diluted enabyte that dilution factor not exported as part of the publishment data.

* Result reported those a diluted enabyte that dilution factor not exported as part of the publishment data.

Table 5 Prefinitary Analytical Data Sammary Table - Inorganica Supersiter Barrel and Drum Sile Supersiter 2013

	•										
RST 1 Sumple 1D	P001-DW-5009-1	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5034-1	P001-DW-5037-1	P001-17W-5029-1	P001-DW-6006-1	P001-DW-4009-1	P001-DW-4029-1	P001-DW-4011-1
CLP Sample ID	MBAZN4	MBAZN5	MBAZNE	MBAZN7	MBAZNI	MBAZNS	MBAZPO	MBAZZI	MBAZP	MBAZO	MBAZZ
Arre	Arra05	Arreld	Arrald	Arests	Aprel5	Arrado	Arretti	Alvado	Arrett		
Sampling Date	9/(9/20 L)	W (\$1/20 L)	9/19/20 L)	9/19/2013	W19(2013	9/19/2013	W19/2013	9/19/29 [3	9/19/2013	Arrabb	Arrabl
Seaph Metris (Calt)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/bg)	Liquid Wasts (mg/kg)	Liquid Wasts (mg/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/bg)	Liquid Waste (mg/kg)		9/19/2013	9/19/2013
Alseriana	194		ND ND	189.1					Liquid Wasts (mg/kg)	Liquid Wests (mg/kg)	Liquid Wests (mg/kg)
Aptimony	. ND	. ND		. ND	ND	ND -	ND	ND	ND ND	NO.	39 /
Arsenia	ND					ND ND	150	ND	ND ND	ND ND	SP.
Berlum	14.4			ND	0.17 J	ND.	ND -	647.4	ND.	ND	9
Brodium	100	- 10		ND ND	X9		ND	ND .	14.4	951 3	5
Cadmium	ND RD	ON ON	7-50	. ND	ND.	ND.	ND ND	ND .	ND:	9	ND.
Celcium	784.4		- 10	ND	ND.	ND.	ND.	N	ND	29	ND.
Chrysnium.		. 1/0	1/0	487.3	ND.	ND ND	ND	9	ND.	XĐ	ND
		ND	ND	ND.	80	NU	ND.	ND.	. מא	ND	и
Cotel	ND	ND .	ND	ND ND	ND	ND.	. ND	ND	ND .	ND	ND
Conce	19	ND	ND	ND.	ND:	NU	ND ND	14.7	סא	ND	ND
tren.	344	ND	193	49,9		144	181	434	180	7.4.3	195
Lest		ND .	ND.	ND	ND	ND	ND	ND.	ND	ND	ND ND
Megnesium	N)	ND .	ND.	ND.	ND NO.	ND	XD		ND	ND	ND ND
Manganese	. 44	ND	Į.	9.59 /	ND.	ND	ND .	ND .	147 /	ND	1911
Nickel		ND		ND	ND ND	ND	ND	מא	ND.	- 50	
Potentium	73.4.3	ND	. ND	912	ND.	ND	ND	197.1	ND ND	ND ND	- 10
Schoolson	1414	Mil	ND	NAT J	13.7	949 J	636.3	13.1			ND
Silver	ND.	MD	ND	ND	ND	ND D	ND -		<u></u>	ND	9.84
Sedimon	19.1	ND	401.4	111.7	.101.4	ND ND	2/2	ND	<u> </u>	ND ND	ND
I) alikan	ND.	ND	120	ND	ND	ND ND		ND.		612	ND.
Yaradiom	ND	ND.	ND	ND.	ND		ND.	20	ND ND	ND ND	ND
Zina	19-3	ND .	MA	7.5		ND ND	ND.	9	ND ND	ND	ND .
Mercury	0.0073.4	ND	ND ND	ND ND	ND			9/11.4	.671.4	6.71 3	1
Cyarida	0.45 7	616.7	133	633.1	ND AUI	ND	A)II	PAN A	. NO	ND.	
c jarret				923 2	(11)	638.3	634.1	9.65	947	0.79	0.44.1
RST 2 Sumple 10	P001-DW-6817-1	P001-DW-6019-1	P00 I-DW-603 I- I	P001-DW-4024-1	P081-DW-4615-1	P001-TW-4038-1	P001-TW-6039-1	P001-5-2001-1	P00 I-8-2002-1	P001-5-2003-1	P001-5-3001-1
CLP floragh ID	MBAZZ3	MBAZP4	MBAZPI	MBAZN	MBAZQ#	MBB017	MBB010	MBAZQ9	MBAZZS	MBBees	MBAZRO
Arrs	Arra#6	Arratti	Arra 66	Arred6	Alte#06	Arrallé	Arra#6	Arra#3	Arre#2	Arta#2	Arrela
Sampling Date	9/19/20 13	9/19/2013	9/19/2013	9/19/2013	9/20/20 13	9/27/2013	9/27/29 13	9/20/20 L3	9/26/2013	9/26/20 (3	9/29/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Weste (mg/kg)	Liquid Waste (10g/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Bell (mg/kg)	Self (mg/kg)	Sell (mg/kg)	Sell (mg/kg)
Aluminum	85.1	314		ND	INI	119	99.0	335	A730 R		
Arthnogy	ND	ND	ND	MD.	ND ND	ND	ND "	ND		J.SPI K	119
Acustis	ND	ND .	ND.	ND.	ND ND	ND .	. ND	18		130	ND.
Berturn	P.46 J	27.1	ND	9.7.4		18.4	187				<u> </u>
Bergillium	NO	ND	ND	ND.		ND ND	ND ND	23.7 NO	14.6	334 K	49.4
										170	

RET 2 Sumple (D	P00 I-DW-60 IT-1	P001-DW-6019-1	P001-DW-6031-1	P001-DW-4024-1	P001-DW-6615-1	P001-TW-4038-1	P001-TW-6039-1	P001-5-2001-1	P001-5-2002-1	P001-5-2003-1	P001-5-3001-1
CLP flexiple ID	MBAZZP3	MBAZP4	MBAZZYS	MDAZZY6	MBAZOS	MBB617	MBB018	MBAZO9	MBAZZO	MBBeee	MBAZRO
Ares	Arra96	Arresto	Arra#6	Arrelli	Arrado	Arradia	Arra96	Arrat2			
	9/(9/29)	9/19/2013							Arrell	Area62	Arrel3
Sampling Date	1/(1/20)	W(W2013	9/19/2013	9/19/2013	9/20/20 L3	9/27/2013	9/27/2013	9/29/20 L)	9/26/2013	9/26/20 (3	9/29/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Liquid Weste (mg/kg)	Liquid Wests (mg/kg)	Sell (mg/kg)	Sell (tog/kg)	Sell (mg/kg)	Sell (mg/kg)
Aluminum	15.7	34		ND	INL	119	99.0	3.259	37M B	35TR (6	
Antimorry	ND.	ND	NP	ND.	ND	ND	, ND	ND ND	D QX	ND.	
Acachis	ND.	ND	9	ND.	Ð	ND	. ND	18	10	1.2	21
Barturn	P.46 J	27.1	Ð	9.7 4	ND	14.7	18.1	23.7	314 E	234 K	19.1
Berdlum	NO	ND	P	9		ND	ND ND	ND	100	ND.	. ND
Cedraken	ND.	ND	9	ND	ND	ND	ND	0.49		6.82	
Celcium	371.4	291.0	9	ND GX		192 /	10.7	I.PH	JAJM K	4341.X	1199
Chromban	ND	14	2	. 14	9.41.4	0.40 (937.4	14	27.5	17.9	
Cotals	ND	ND	9	ND.	ND (64	949.4	6,78.7	13	6.9	AJ .	25.9
Corret	ND.	64	9	13.4	NO	. A.T	74	25.7	79.1	113	
hon	14.1	443	19.5	4336	13	271 B	189 A.	UM	19,740 K	14,700 K	164
Leed	ND	1.0	9	ND.	PALA) L6 K	744 B	235	NA E	337.8	PAR
Magnegaturn	מא	. SD	9		ND	641.7	541.1	423	AJM		44.9
Menganere	27		ND QA	1.5	0.517	144	114	102	167 K	2A79 647 R	397.4
Niebel	פא	0.07 A	ND .	14.7	ND	9.47.3	6317		18.9		130
रित्रश्रामा	. ND	1391	ND.	ND.	ND	119.8	TH Y	793		10.5	143
Scientury	9.47 3	MIL	MD	0.05	ND ND	10.1	1111	14.1	ND ND	m i	201.4
Silver	ND.	ND	ND	ND	ND ND	MD	ND ND	-12		14.1	14.4
Sodium	19.2	J.J.M.	45,394	70	16.1	743	- 68	7.8	9.41 A 157 A	0.46 J	19
Thelian.	ND	ND	ND ND	ND	ND	MD	MD	ND ND	ND ND	121	N1
Yanadium	ND	181.1	. ND	9417	ND ND	ND	ND.	. 24	- NJ	. ND	
Zim	11.9	111	. 14.1	МІ	144	JHAX	194 8	129	199 K	111	12
Mercury	ND	98975 J	. 20	_ ND	ND.	NO	ND ND	9A)2 4		12 K	211
Cyarida	0.54	1.1	0.76	39	0.39	931 4	914.7	647	ND ND	9.653 J	9.074 J

Motes:
All results are profitationary and have not gone through any date review or sulfidation process. Detected concentrations are Bakhad.

E. - Emmyle concentrations consended the appeal level of the calibration range.

J. - Indicates the apported value is an estimate.

D. - Indicates that marghs was membyland at a bighar of hotion.

N. - Indicates that marghs was membyland at a bighar of hotion.

N. - Indicates consenses and the second of the seasyle.

ND - Indicates the condyne was marginated for but not obstacted.

* Remail reported them a diluted analysis but dilution factor and reported as part of the preliminary data.

Table 5 Prefittlessy Austyficii Data Summery Table - Integnifes Superior Barrel and Drum Si w Superior 2013

RST 2 Semple ID	P001-S-3001-3	P001-5-3002-1	P001-S-3003-1	P001-9-3004-1	P001-S-3005-I	P001-8-3004-1	P001-5-3007-1	P001-S-3000-1	P001-5-3009-1	P001-B-3010-1	P001-5-3011-1
CLP Suspir ID	MBAZRI	MBAZR1	MBAZR3	MBAZZ0	MBAZYP	MBRALO	MBMAK4	MBRAKO	MBGAKT	MBBAKS	MB6AK7
Arra	Arrail)	Artell	Arrell	Arre@3	Arva@3	Arra63	Arres)	Arra@3	Arre43	Arve93	Artz83
Sempling Date	9/20/2013	9/29/2013	9/29/2013	9/26/2013	9/26/2013	9/27/2013	9/21/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sesspie Matris (Unit)	Sel (cog/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (dag/kg)	Sell (mg/kg)	Sell (mg/Lg)	Sell (mg/kg)	Soll (ing/kg)	Sell (mg/kg)	Gell (mp/kg)	Sell (mg/kg)
Alumi nam	7,144	2340	1,000	14% K	- 4314 H	5139	1744	10	1,529	3,199	734
Antimony	ND	ND	ND	79	ND ND	ND	ND	ND .	ND .	מא	ND
Arrente	15		Д	6.75 3	14	13	IJ.	044.7	4	7	1.0
Berlum	761	19.1	19	ILL IK	247 E	41.7	314	94.4	13.7	467	344
Beryllium	ND ND	ND	1/0	ND	ND	ND ND	ND	1.7	ND NO	ND	9
Cadmium	845 8	847	6.54	141 /	653	H1	421.4	9	9.10 4	33	618 J
Celebrary	1039	2,499	1,000	JA10 K	1,190 E	1924	650	190 J	JAN	6,784	300 J
Chronalum,	141	21	143	49	78	26.3	12	44	129	3	J.T
Cotalt	111	14	111	н	14.1	2	117	50.7	131	12	940 3
Coppet	121	——————————————————————————————————————	114	164	LILL.	70.9	81	27.0	13	2	45
tron,	10,400	10,000	10,700	3,839 K	5,940 K	16,100	7,310	2340	5,870	13,004	5.476
Lead	H1	17.9	17.5	164 K	133.6	75.1	714	103), H	314	145
Megraphan	\$35	1,800	114	14()	151 1	135	359.3	926.1	1299	3,79	161 1
Миндаприя	769	100	76	16.3 JL	250 E	92.0	16.1	111	2	114	\$1.4
Nichel	144	41	6.1		ü	169	144	- 111	4.7	114	10 1
Potentum.	IN 4	143.1	735.4	951.4	266 8	331.2	334 J	161.1	214.2	296.1	185 1
Sede plum	14.6	14.7	14.4	P-46 2	629 4	941 #	63[3	NII	834 J	649 8	ND
Silver	141	6.75 3	54	637.3	6217	0.01 J	99	9	20	ANT A	×Φ
Sodium	4517	164.7	1111	ND_	ND	411	378 1	ND	341	141	364.3
The lives	ND	ND	ND	ND	9	(N)	3	ND .	NO .	9	ND
Varadium	164	17-5	11.9	7.5	121	394	4	434	2	11.1	41
Zira	114	I p	152	44.3 E	129 E	4 pt	117	413	\$17	. 241	65.0
Mercury	E 1644	MAILT	0429-4	9.967 J	AAEJ J	8470 J	MDI 1	9417 1	410	644.1	9.824 J
Cyunido	831.7	637.1	MI	ND	'ND	439 7	- E	ND_	9.864 /	AU A	9
RST 1 Sample ID	P001-S-3613-I	P001-8-3013-L	P001-5-4001-1	P001-5-0003-1	P001-5-4003-1	P001-5-5001-1	P001-5-6001-1	P001-5-5003-1	P001-S-5004-1	P001-3-5005-1	P001-5-6001-1
CLP Seggelo I D	MD8AN6		AGEBOO1	MB8002	MRB003	MBAZZI	MBAZZ1	MBA728	MBA223	MBAZZ4	MBAZR4
CON COMPANIE	RUMANO	MBAZYT	with the same of t	WIDOW 1	MEDOUS	maxee:					
Area	Arraki	ARRAZYU	Arts #64	Amaé4	Arrest4	Areats	Ares#5	Arradd	Arradd	Ares05	Area 96
								Arra#3 9/36/2013	Arrand 9/26/2013	Arre05 9/36/2013	Area66 9/20/2013
Area	Arra#3	Aresiti	Amadi	Amatel	Ansil	Areatts	Ares#5				
Area Sampling Date Sample Matrix (Unit)	Arra63 9/27/2013 Sell (mg/kg)	Artali3 9/26/2013 6eD (mg/kg)	Arts64 9/26/2013 6ell (mg/kg)	Area64 9/26/2813 Sell (mg/kg)	Arrel4 9/26/2013	Area05 9/26/2013	Arti#5 9/26/2613	9/36/2013	9/26/2013	9/26/2013	9/20/2013 9x8 (mg/kg)
Area Sampling Date Sample Maintx (Unit) Aford non.	Arrank3 9/27/2013 Sell (cog/kg) 1,010	Artell3 9/26/2013 Self (mg/kg) 1810 E	Ares04 9/26/2013 640 (dag/kg) 745 K	Ares64 9/26/2813 Sell (mg/kg) 38/449	Arrold 9/26/2813 Sell (mg/kg) 3,544	Area65 9/26/2013 840 (mg/kg) 3.629 K	Arva#5 9/26/2813 Sell (mg/kg)	9/36/2013 Self (mg/kg)	9/26/2013 Sell (mg/kg)	9/36/2013 Rell (mg/kg)	9/20/2013 940 (mg/kg) 350 ND
Area Sampling Date Sample Matrix (Unit) Aluminum Arsimony	Arrad3 9/27/2013 Sell (mg/kg) 1,610 ND	Artmit3 9/26/2013 Self (mg/kg) 1,810 K ND	Ares 64 \$/26/2813 640 (csg/kg) 745 ji ND	Area64 \$/26/2813 Sell (mg/kg))8,400 ND	Arrafi4 9/26/2013 Self (mg/kg) 1,546 NS	Area05 9/26/2013 Sell (mg/kg) J-024 H ND	Ares#5 9/26/2813 8ell (mg/kg) 3,350 K	9/36/2013 Self (mg/kg) 4/99 K	9/36/3913 Sell (mg/kg) 4,638 E	9/36/2013 Bell (mg/kg) 4/30 ft ND 2-1	9/29/2013 848 (mpkg) 359 ND
Arva Sampling Date Sampling Matrix (Unit) Alternism Artimony Arriva	Area63 9/27/2013 848 (cop/cg) 1,0 10 1/21 2,4	Arealt3 N/26/2013 Self (mg/kg) 1.81e K ND 2-1	Arus64 9/26/2813 8-01 (aug/kg) 7-05 H ND 32-4	Ares64 9/26/2813 Sell (mg/kg) 38/449	Arrold 9/26/2813 Sell (mg/kg) 3,544	Area65 9/26/2013 840 (mg/kg) 3.629 K	Arva#5 8/24/2813 Sell (mg/kg) 3,350 g/)(D	9/36/2013 Std (mg/kg) 4/90 K ND 14 643 K	9/26/2013 Sed (mg/kg) 4/20 E ND 3-2 2.20 R	9/36/2013 Bell (nig/kg) 4/36 ft ND 2-1 340 ft	9/20/2013 848 (mpkg) 359 ND 114 9-7 J
Arva Sampling Date Sample Matrix (Unit) Alori num Arsimony Arraria Bartum	Arraik3 #27/2013 Sell (mg/kg) 1 p to ND 2-4 54-0	Artmit3 9/26/2013 Self (mg/kg) 1,810 K ND	Ares 64 \$/26/2813 640 (csg/kg) 745 ji ND	Arna64 9/26/2813 Sell (mg/kg))15/444 ND	Arrel4 9/26/2013 Self (mg/kg) 5,546 ND 4-1	Area85 9/26/2013 Sell (my/cg) 3-824 K ND	Ares#5 #/26/2013 840 (mg/kg) 3,500 gl 3,1	W36/2013 Bell (mg/kg) 4/90 K ND 24	9/26/2013 840 (mg/kg) 4/698 B ND 3-2 2.2 P 9-28 d	9/20/2013 Bell (mg/kg) 4/7 (6 H ND 2-3 24.0 R 5.16 S	9/29/2913 640 (mpRg) 339 ND 114 8.7 J ND
Arva Sampling Date Sampling Matrix (Unit) Alternism Artimony Arriva	Arrad3 9/27/2013 5-68 (mg/kg) 1,619 ND 2,4 54-0 ND	Artsit3 W26/2013 Sell (mg/kg) 1,810 g ND 2,1 2,1,1 E	Ares04 9/26/2013 641 (mg/kg) 245 (K ND 214 14/20 (K	Area#4 9/28/2913 Sell (mg/kg) 18,000 ND E1 8,37	Arrel4 926/2013 840 (mg/kg) 8,540 3-70 4-1 163	Areal5 9/26/2013 840 (mg/kg) 1,829 K ND 2-9 3.14 K	Arrans 10/20/2013	9/36/2013 Sed (cog/kg) 4/90 K ND 24 64.5 K ND 3-7	9/26/2013 Sell (mg/kg) 4/20 E 1/20 1/20 1/20 E 8/20 J 8/20 J	9/36/2013 Bell (nig/kg) 4/36 B ND 2-1 2-0 B A16 3	9/29/2913 840 (mp ⁴ g) 359 ND 114 6.7 I ND 34
Arve Sampling Date Sample Matrix (Unit) Afornium Astimony Arriva Bartum Bartum	Arr edd 927/2013 Sed (cop/kg) 1 p 10 N3 2 4 4 54 9 N3 14 14 14 14 14 14 14 14 14 14 14 14 14	Arrail3 #26/2913 Bell (mg/kg) 1,819 g ND 2-1 71,1 g ND	Area44 9/26/2013 8-41 (aug/kg) 7-15 H ND 24-4 1,420 H	Area44 9/36/2813 848 (mg/kg) 18,449 ND L1 8,3.7 ND	Arrel4 #26/2013 Sell (mg/kg) \$540 ND 4.1 183 ND	Aread5 9/26/2013 8ell (mg/kg) 3-420 K ND 3-4 3-1-4 K 4-17 J	Arrad5 0/20/2013 000 (mg/kg) 3,590 K ND 21 153 JR ND 033 J 4,660 E	9:20:2013 9:d (ng/kg) 4-9:0 E ND 2-2 6-4-3 E ND 3-2 2-6-0 E	9/25/2013 Sed (mgskg) 4/20 E ND 22 22 22 23 641 24,90 E	9/24/2013 Bell (mg/kg) 4/3 p p ND 2-1 2-2 2-3 3-10 d 1/40 p 1/40 p	9/20/2913 640 (mpkg) 359 ND 314 6.7 J ND 34
Arve Sempling Date Semple Matrix (Unit) Abordinam Ardinnooy Arvins Bartem Bergifum Cadratum Cadratum	Arrud3 9/27/2013 Self (topkg) 1p19 NU 2-2 3-40 NU 1-3 1-40 NU	Arraft) #26/2013 Self (mg/kg) 1810 K MD 2-1 77.3 K ND	Areadd 9/24/2013 Sed (cog/kg) 745 K ND 2444 1/420 K ND 44	Area04 9/38/2013 Self. (mg/kg) 18/000 ND L1 8A7 ND	Arrel4 #25/2013 Self (mgrkg) \$504 NTI 4.1 pk1 ND 4.3	Arrads 9:24/2813 Sell (mg/tg) 3-22 H ND 3-14 3-14 3-14 4-17 4-28 1Ave S 1Ave S 14.1	Ares85 8/24/2813 846 (cog/kg) 3,559 K NO 2-1 3-1 IR NO 3-2-1 IR 5-2-1 IR 5-2-1 IR 4-2-6 E 4-4	8726/2013 Sed (mg/kg) 4,999 K ND 24 643 E ND 32 24,000 E 16,1	9/25/2013 Self (regular) 4/201 E ND JS JS JS JS DO 041 343 941 343 944	97247913 Bell (mg/kg) 45/9 F NO 24 249 F A16 F A16 F A16 F A16 F A18 F	9/20/2013 640 (mg/kg) 3/31 ND 314 8.7 J ND 3.4 114 J 64.7
Area Secapiting Date Secapit Matrix (Ust) Adminum Antimony Agrand Bestum Bestum Bestum Cadroum Cadroum	Arr edd 927/2013 Sed (cop/kg) 1 p 10 N3 2 4 4 54 9 N3 14 14 14 14 14 14 14 14 14 14 14 14 14	Arrad3 #22/2013 Self (mg/kg) 1810 E ND 2-1 77.1 E ND 4.97 3,520 E	Areadd \$726/2013 Bell (cogrity) 745 H NU 244 344 449 H NU 346 346 346 346 346 346 346 34	Area64 9/28/2813 5ell (mg/kg) 18/66 ND 1-1 \$3.7 ND 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5	Arrel4 9/26/2813 568 (mg/kg) 8,548 NSI 4.1 ND 4.3 155,666	Aread5 8/26/2013 840 (mg/kg) 3421 E ND 49 314 E 417 d 417 d 418 418 e 418 e 418 e	Arrad5 0/20/2013 000 (mg/kg) 3,590 K ND 21 153 JR ND 033 J 4,660 E	9736/2013 9xd (mg/kg) 4/940 K NO 14 6455 K NO 27 26,800 K 16.7 54	8/25/2013 Sed (mg/kg) 4/201 E ND 12 220 E 820 2 641 16,300 E 16.4 45.4	97247913 848 (mg/kg) 47 p R ND 1-3 78.9 R A 16 S 14 17,000 R 13.3	9/20/2013 840 (mg/kg) 350 ND 134 6.7 J ND 3-4 114 J 6-5.7 J
Area Semples Date Semple Matrix (Usit) Alorin rum, Alorin rum, Araimony Arrimony Arrimony Codmiss Cadmiss Cadmiss Cladeum Cladeum Clodeut Clorenton	Arrali3 9/27/2013 848 (cop/tg) 1/210 NU 2-8 NU 1-9	Arts83 #726/2013 660 (mg/kg) 1,310 E ND 2-1 17.1 E ND 4.97 3.527 E 1.10 6-1	Aradel 9/24/2813 6-dl (cuphg) 755 K ND 23-4 J-J-58 K ND 4-0 3,544 K 2-1 3,544 F 2-2 3,544 F 2-3,544 F	Arashi 6/28/2813 568 (mp/kg) 18/000 ND L1 38/7 ND 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Arrold 9/24/2813 Sell (mgrkg) 5,646 FD 41 183 ND 4,3 15,666 284	Arrads 9:24/2813 Sell (mg/tg) 3-22 H ND 3-14 3-14 3-14 4-17 4-28 1Ave S 1Ave S 14.1	Ares85 8/24/2813 846 (cog/kg) 3,559 K NO 2-1 3-1 IR NO 3-2-1 IR 5-2-1 IR 5-2-1 IR 4-2-6 E 4-4	8726/2013 Sed (mg/kg) 4,999 K ND 24 643 E ND 32 24,000 E 16,1	975/2013 Sell (mg/kg) 4,658 E ND 33 23.0 23.0 34.0 35.0 4.661 36.00 E 16.4 4.5.3 38.4	979/2013 Rell (ng/kg) 4.3/19 E ND 2-1 2-2-5 2-5 1-6 1-6 11/200 E 133 3-3-4 134	9/30/2913 840 (mp4g) 3.59 ND 3.44 8.7 J ND 3.44 114 J 69.7 18.2 88.9
Are a Semple Matrix (Usis) Abortison Archimony Archimony Christ's Beston Doughton Cadmium Calcium Calcium Cohati Copper	Arr #83 #27/2013 Sed (cop/eg) JP 10 10 10 10 10 10 10 10 10 10	Arts83 W26/2813 Sall (mg/kg) Jalio E ND 2-1, E ND 3-37 3-529 E 110 2-1, 2 170 110	Aresibl 9/26/2813 5641 (cup/tg) 749 K ND 24-6 16/28 K ND 4-6 2,544 G 2,988 5-88 5-88 1,929 1,929	Ares64 9/26/2813 564 (mp/ng) 15,466 ND 1-1,15 15,17 15,10 15,10 15,11 15,10 15	Arreld 9726/2813 Sall (coping) 5,546 (coping) 5,546 Sall (coping) 5,546 Sall (coping) 5,545 Sall (coping) 5,545 Sall (coping) 5,545 Sall (coping) 5,546 Sall (coping)	Area 65 9/20/2013 840 (mg/tg) 3,010 R ND 1,0 1,14 R 4,17 d 4,211 d 4,211 d 1,14 R 1,14	Ares#5 9/29/2013 846 (mg/kg) 3,590 K ND \$1.1 \$32.1 K ND \$32.1 J \$400 K	9736/2013 9xd (mg/kg) 4/940 K NO 14 6455 K NO 27 26,800 K 16.7 54	9/25/2013 Sed (mp/kg) 4/99 E NO 3-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1	972472013 Bell (nights) 4-719 R ND 1-24 1-34 R A16 d 1-34 R 1-34	9/20/2013 500 (mpkg) 350 ND 34 194 J 57 J 194 J 697 997 997
Area Semples Date Semple Matrix (Usit) Alorin rum, Alorin rum, Araimony Arrimony Arrimony Codmiss Cadmiss Cadmiss Cladeum Cladeum Clodeut Clorenton	Arrali3 9/27/2013 848 (cop/tg) 1/210 NU 2-8 NU 1-9	Arts83 #726/2013 660 (mg/kg) 1,310 E ND 2-1 17.1 E ND 4.97 3.527 E 1.10 6-1	Arushi 9/26/2013 6-61 (mg/kg) 7-55 jf ND 24-4 1-436 jf ND 4-9 2-566 jf 9-38	Arashi 6/28/2813 568 (mp/kg) 18/000 ND L1 38/7 ND 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Ame84 975/2813 Self (mg/kg) \$45 \$50 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	Aren#5 #720/2013 #60 (mp/tg) A-22 K AU A-24 K AU A-24 K A17 J A-35 IA-96 K IA-1 J A-3 IA-96 K IA-1 J A-3 J A-4 J A-5 J A-6 J A-6 J A-7 J	Ares#5 #20/2813 #860 (cog/tg) 3,550 K ACD \$1,00 \$1,0	#26/2013 8xd (mg/kg) 4990 K ND 24 444 K ND 32 26/800 E 34 34 34 344 344 3440 344 K	97247913 840 (mp4g) 4591 E 700 23 240 E 821 J 861 36,940 E 144 45 J 24,940 E 144 55 J 25 E	979/2013 Bid (copt.g) 4/36 R ND 2-1 2-1 2-5 R A16 J 1/200 R 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	9/30/2013 600 (mpkg) 350 ND 314 6.7 J ND 34 184 J 66.7 J 184 J 66.7 J 184 J 66.7 J 184 J 66.7 J 184 J 66.7 J 184 J 1
Arra Sampling Date Sample Matrix (Unit) Abordinam Andimony Arriva Germin Berton Calchum Calchum Calchum Calchum Calchum Carper Carper Free Lead	Arraft3 9/37/2013 Self (cog/kg) 1-p 10 1-24 1-10 1-10 1-10 1-10 1-10 1-10 1-10 1-1	Arts83 #226/2013 640 (mg/kg) 1,810 K ND 2-1 17.1 E ND 4-97 3-259 K 13.0 4.1 77.0 4.1 77.0 5.358 K	Arested 9/26/2013 6-dd (ong/kg) 7-dd K ND 24-d 1/49 K ND 4-d 2,644 K 2,745	Arashi 9/26/2813 5-61 (mp/tg) 15,000 NO L1 3-57 NO 15 15 15 15 15 15 15 15 15 15 15 15 15	Arneld 975672013 566 (capta) 5,000 5	Area95 9/26/2013 Sed (mg/kg) A227 E NO A24 A25 E NO A24 A25 E A25 A25 A25 A25 A26 A27 A26 A27	Arest5 #29/2013 #46 (cog/tz) J-596 K NO 2-1 J-51 JR NO #406 K #40 K #	0730/2013 Ded (mg/tg) 4990 K ND 24 445 E ND 23 26000 K 15.7 54 546 546 546 546 546 546	6/26/2013 Self (mp/kg) 4/20 E ND \$12 \$14 \$14 \$15 \$15 \$15 \$15 \$15 \$15	97947913 Bell (mp/tg) 479 R ND 1-1 1-1 1-2 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	9/30/2013 840 (mg/kg) 330 ND 13-4 8-7 J ND 3-4 114 J 6-5-7 16-3 16-
Area Sempling Date Semple Matrix (Usit) Alburi num Aralmony Arrinosy Artimosy Cotroris Bartum Beytisan Cadmiom Cadmiom Cadmum Chyomisan Chyomisan Chyomisan Chyomisan Chyomisan Contail Copper	Arr #83 #27/2013 Sed (cop/eg) JP 10 L4 Sed (sop/eg) 1 P 10 L4 Sed (sop/eg) 1 P 10 L4 Sed (sop/eg) 1 D 11 Sed (sop/eg) 1 D 12 Sed (sop/eg) Sed	Arts#3 #26/2013 560 (rop/ng) [38] 0 K PD 24 71.1 K ND 3.529 K 11.0 6.1 17.6 6.250 K 27.6 6.250 K 21.0 K	Aresibl 9/26/2813 564 (cup/tg) 719 K ND 244 1628 K ND 49 3,564 R 3,978 54.5 1628 16	Ares64 9/26/2813 564 (mp/ng) 15,466 ND 1-1,15 15,17 15,19 15,100 15,17 15,100 15,17 16,17	Arestel 972472813 568 (mg/tg) \$569 \$570 \$51 \$12 \$50 \$51 \$12 \$50 \$51 \$51 \$51 \$51 \$51 \$51 \$51	Area55 \$126/2813 \$60 (mp/g) \$4978 R ND \$40 \$40 \$40 \$41 \$41 \$41 \$40 \$40	Arest5 W20/2013 Bind (copyla) J.599 E ND 15.1 JE 5.51 JE	#26/2013 8xd (mg/kg) 4990 K ND 24 444 K ND 32 26/800 E 34 34 344 344 344 344 E 344 E 344 E 344 E	97247913 840 (mp4g) 4591 E 700 23 E 700 24 E 8219 E	979/2013 Bid (copt.g) 4/30 R NO 2-1 2-1 2-5 R A16 J 1700 R 153 154 1700 R 153 154 200 R 154 214 200 R 155 154 215 R 215 R 215 R 215 R	#120/2013 and (mpkg) 3.58 ND 114 6.7 J ND 3.4 114 J 6.8 J 114 J 6.8 J 114 J 6.8 J 115
Area Sempling Date Semple Matrix (Usit) Alburi num Aralmony Artimony Artimony Artimony Cadmide Cadmide Cadmide Cadmide Cadmide Copper Irea Lead Magrashum Lead	Arroft Sept. Arroft Sept. Sept	Arest3 #26/2013 Sed (cop/ag) [Jalo E ND 24 Fr.1 E ND 497 3529 E 110 64 Fr.0 5338 E 1210 E	Ares64 97247813 644 (oug/a) 715 K ND 3244 1,438 K ND 449 9,988 1,139 449,989 DE* 289 K 449,989 DE*	Arashi 9/26/2813 5-61 (mp/tg) 15,000 NO L1 3-57 NO 15 15 15 15 15 15 15 15 15 15 15 15 15	Arneld 975672013 566 (capta) 5,000 5	Area95 9/26/2013 Sed (mg/kg) A227 E NO A24 A25 E NO A24 A25 E A25 A25 A25 A25 A26 A27 A26 A27	Arest5 #20/2013 #64 (copfus) J-599 E NO 2-1 J-51 IE NO #0.31 I #0.400 E #4. J-64 E	0730/2013 Ded (mg/tg) 4990 K ND 24 445 E ND 23 26000 K 15.7 54 546 546 546 546 546 546	97297013 864 (mg/kg) 4,975 E 1,210 F	979/2013 Bell (mg/kg) A/JE R ND JE	#12/2011 ### #12/2011 ### #12/2011 ### #12/2011 ### #12/2011 ### #12/2011 ### #12/2011 ### #12/2011 ### #12/2011 #### #12/2011 #### #12/2011 #### #12/2011 #### #12/2011 #### #12/2011 ##### #12/2011 ##################################
Area Semples Date Semple Matrix (Usit) Alorin mm, Ardimocy Arrivia Bartum Beytham Cadmiden Cadmiden Cadmiden Cadmiden Cadmiden Copper Freq Lead, Magrackum Hoggreckum Hoggreckum Hoggreckum Hoggreckum Hoggreckum Hoggreckum	Are of b 927/2013 5-64 (cop h 2) 1-919 NO 1-94 5-40 NO 1-94 1-94 1-94 1-94 1-94 1-94 1-94 1-94	Areal3 #22/2013 Ged (mp/tg) 1,810 E PD 2-1 77.1 E 5.55 4.97 E 1,81 1,70 9.639 E 1,10	Armidd \$724/2813 6ed (cup/ag) 7e3 K ND 144 K 1,65 K AB 244 S	Aradd 6:24:2813 561 (mp/tg) 15,000 NO 14,000 NO 14,1 15,1	Arestel 972472813 568 (mg/tg) \$569 \$570 \$51 \$12 \$50 \$51 \$12 \$50 \$51 \$51 \$51 \$51 \$51 \$51 \$51	Area55 \$126/2813 \$60 (mp/g) \$4978 R ND \$40 \$40 \$40 \$41 \$41 \$41 \$40 \$40	Arest5 W20/2013 Bind (copyla) J.599 E ND 15.1 JE 5.51 JE	#26/2013 Bid (mg/kg) 4990 K ND 24 444 K ND 32 26/000 E 34 34 34 34 34 34 34 34 34 3	97247913 842 (mp4g) 4252 E NO 23 245 E A20 245 E A20 34 464 45 J A30 25 E A	979/2013 Bid (mg/tg) 4/30 R NO 2-1 2-1 2-5 R A11 J 1700 R 133 134 2-700 R 135 135 136 2-700 R 137 146 2-700 R 137 150 R 151 151 151 151 151 151 151 151 151 15	#20/913 968 (mpkg) 339 339 339 339 339 339 334 344 344 344 344 344 344 345 346 3
Area Sampling Debe Sample Matrix (Usls) Abmri num Ardimony Ardimony Ardimony Ardimony Growth Growth Garden	Arrold 9/17/2013 6md (cop/tg) 5/20 1/2013 5md (cop/tg) 5/20 5/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1	Artst3 #22/2013 God (mp/tg) 1,810 K PD 2-1 7.1. K ND 4.97 7.2. K 1,820 1,83	Armidd \$724/2813 640 (cup/ag) 743 K ND 144 1,654 K ND 444 1,654 K 1,654 K 1,654 K 1,654 K 1,655	Arashi 9/26/2813 5dl (mp/tg) 15,000 NO NO 15,000 15,000 15,000 15,100 15	Arreld 975672813 566 (csprkg) 5690 75572813 566 (csprkg) 5690 750 750 750 750 750 750 750 750 750 75	Area95 9/26/2013 Sed (mp/kg) App R NO 3-4 3-1-8 App R NO 3-5 3-6 3-7 4-6 3-7 4-7 5-7 5-7 5-7 5-7 5-7 15-7	Arest5 #20/2013 #66 (cop/a) J-599 E NO 2-1 J-51 IE NO #0.31 I #640 E #4 J-64 E J-6	97907913 804 (mg/tq) 4979 K PD 4 498 K ND 12 4643 K ND 13 4645 K ND 147 15469 R 1546 K	97297313 864 (mptg) 4,958 E NN 1,249 E 9,249 E 9,249 E 9,249 E 9,249 E 9,249 E 14,549 E 15,269 E	979/7913 Bed (mg/kg) A-J19 R ND A-J19 R ND A-10 R A-10 R A-10 R A-10 A A	#29/2013 #00 (mpkp) JSD JMA JMA JMA JMA JMA JMA JMA JMA
Arva Sample Matrix (Usis) Alamin mm, Arlamony Arriva Bartum Bartum Bartum Cadminm Chyonibam Chyoniba	Are old 5 9/27/2013 9/27/2013 9/27/2013 9/27/2013 1/2015 1/2015 1/2015 1/2015 1/2016 1	Aresh3 #25/2013 Sed (cop/ag) Jain E ND 24 Fr.1 E ND 497 J.328 E 13.0 6.1 Fr.0 5.358 E 12.0 12.0 E 13.0 E 13.0 E 14.0 F 15.0 F	Ares64 972672813 6ed (cog/tg) 715 K ND 1244 1,438 K ND 440 1,548 K ND 440 1,638 K	Aradd 6/24/2813 561 (mp/tg) 15,000 NO 14,000 NO 14,1 3,1 15,1	Arestel 972472813 568 (mg/tg) \$569 \$570 \$51 \$12 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$51 \$50 \$50	Area55 \$126/2813 \$60 (mp/g) \$242 R ND \$46 \$46 \$46 \$47 \$46 \$47 \$46 \$47 \$47	Aresid5 #22/2813 #86 (cog/tg) 3,595 E NO 15,27 E 15,3 JE 5,37 E 16,3 JE 16,3 JE 16,3 JE 16,3 JE 16,3 JE 16,3 JE 16,4 E 16,5 JE 16,5	#26/2013 Bid (mg/kg) 4990 K ND 24 444 K ND 32 26/000 E 34 34 34 34 34 34 34 34 34 3	6726/2013 64d (mp4g) 4,554 E NO 24 E NO 251 24 E 8.20 f 8.20 f 8.21 16,546 E 164 4.5 f 164 4.5 f 15,500 233 E 11,300 11,	979/2013 Bid (mg/tg) 4/30 R NO 2-1 2-1 2-5 R A11 J 1700 R 133 134 2-700 R 135 135 136 2-700 R 137 146 2-700 R 137 150 R 151 151 151 151 151 151 151 151 151 15	#29/9813 #86 (mpkg) 339 ND 114 5.7 J ND 34 184 184 587 181 182 188 188 188 188 188 1
Area Sampling Debe Sample Matrix (Unit) Admir num Ardimony Ardimony Ardimony Ardimony Benjiman Cadminum Margaratum Margarat	Arrold 9/17/2013 6nd (cop/tg) 50/17/2013 6nd (cop/tg) 5/20 5/20 5/20 5/20 5/20 5/20 5/20 5/20	Artst3 #22/2013 God (mp/tg) 1,810 K PD 2-1 7.1. K ND 4.97 7.2. K 1,820 1,83	Armidd \$724/2813 640 (cup/ag) 743 K ND 144 1,654 K ND 444 1,654 K 1,654 K 1,654 K 1,654 K 1,655	Arashi 9/26/2813 5ell (mp/tg) 15,000 NO 15,000 NO 15,000 15,000 15,000 15,000 15,100 16,1 16,1 16,1 16,1 16,1 16,1 16,1	Arreld 975/2013 560 (csphq) 500 500 500 500 500 500 500 500 500 50	Area95 9726/2813 860 (mg/kg) A228 E NO 3-4 3-1-6 4-7 4-6 4-7 4-8 18-18 1	Arest5 #20/2013 #66 (cop/a) J-599 E NO 2-1 J-51 IE NO #0.31 I #640 E #4 J-64 E J-6	97907913 80d (mg/tg) 4290 K PD 4 PD 5 PD 5 PD 5 PD 5 PD 7	97297313 864 (mptg) 4,958 E NN 1,249 E 9,249 E 9,249 E 9,249 E 9,249 E 9,249 E 14,549 E 15,269 E	979-7913 Bell (mpkg) 4.718 R ND 1-1 1-1 1-1 1-1 1-1 1-1 1-1	#29/2013 #00 (mpkp) JSD Lit AT J AT J AS J
Area Sample Marts (Unit) Marin rum Ardinnocy Armin sem Ardinnocy Armin Septime Barton Bertison Cadmin Chonion Cadmin Chonion Choli Copper Fron Lead Magrachum Magr	Arr of b 9/17/2013 5-64 (cop h 2) 1/2015 NO 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20	Aresh3 #26/2013 Sed (copylag) Jaio E ND 24 Fr.i E ND 45/21 Fr.i E ND 45/27 55/27 E 13.0 64.1 Fr.o 13.0	Ares64 9726/2813 6ed (cog/tg) 715 E ND 2344 1,438 E ND 44 1,438 E 1,536 E 1,538 E 1,538 E 1,638 E 1,63	Arashi 9/20/2013 5ell (mp/tg) 15,000 NO 15,000 15,000 15,000 15,000 15,000 15,100 16,1 16,1 16,1 16,1 16,1 16,1 16,1	Arestel 9726/2813 Sell (mgrkg) \$400 \$400 \$51 \$51 \$51 \$50 \$4.5 \$50 \$5.6 \$	Area 65 672-72813 560 (mp/tg) JAPIR R ND JAPIR R ND JAPIR R A44 JAPIR R A51-7 6.027 1.14 R 1.14 R JAPIR R	Aresid5 w20/2013 bind (cog/tay) 3,590 K ND 1,520 K ND 1,51 JK 1,51	#26/2013 8xd (mg/kg) 4/90 K ND 24 4x4 K ND 25 26/00 E 10.7 54 540 13.7 546 E 540 E 13.7 541 13.800 K	6726/2013 860 (topskg) 46928 E 500 13.1 14.5 14.5 14.6 15.6 16.	979/7813 Bid (mg/kg) 4/30 R ND 2-1 2-1 2-2 2-3 2-5 R 6-11 d 17/00 R 13.3 2-3 d 13.4 2-3 m 13.5 2-3 d 13.6 2-3 m 13.6 2-3	#25/2013 #86 (mg/kg) 358 ND 154 5.7 J ND 154 164 164 164 175 180 180 180 180 180 180 180 18
Arva Sample Matrix (Usi) Mondinam Artimony Artimony Artimony Artimony Artimony Berton Service Ser	Arrold 9/17/2013 568 (cop/tg) 599 59	Areal3 #22/2013 God (mp/tg) J310 K ND 437 77.1 K 507 4.97 J359 K 13.0 13.	Areadd \$252/2813 560 (cup/ag) 755 K ND 244 JAN K ND 44 JAN K J	Aradd \$'22/2813 Self (mg/kg) 18,000 ND 18,000 ND 14,1 3,1 ND 15,000	Arreld 97547313 5ed (mg/kg) 5.949 5.751 13 5ed (mg/kg) 5.951	Area 65 6726/2813 Sed (copyleg) Appr R NO 3-14-R Appr R	Ares85 #20/2013 #66 (cog/ta) J-596 K NO 2-1 J-596 K NO 2-1 J-51 JR NO 8-31 J 4-66 K J-64 J J-64	97907913 80d (mg/tg) 4290 K PD 4 440 K ND 1 25690 R 157 544 544 S 544 S 544 S 544 S 544 S 545 S	972972013 8ed (mgskg) 4,255 E ND 12.1 13.1 14.2 15.2 15.3 16.4 16.4 16.4 16.4 16.4 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	979/7913 Bed (mg/kg) 4/3 R AV	W20/2013 000 (copkg) 3.53 13.4 14.4 5.5 J NO 16.5 19.1 10
Area Sampling Date Sample Matrix (Unit) Abordinam Antimony Antimony Antimony Antimony Antimony Benthum Calminum	Arr of b 9/17/2013 5-64 (cop h 2) 1/2015 NO 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/20	Aresh3 #26/2013 Sed (copylag) Jaio E ND 24 Fr.i E ND 45/21 Fr.i E ND 45/27 55/27 E 13.0 64.1 Fr.o 13.0	Ares64 9726/2813 6ed (cog/tg) 715 E ND 2344 1,438 E ND 44 1,438 E 1,536 E 1,538 E 1,538 E 1,638 E 1,63	Arashi 9/20/2013 5ell (mp/tg) 15,000 NO 15,000 15,000 15,000 15,000 15,000 15,100 16,1 16,1 16,1 16,1 16,1 16,1 16,1	Arestel 972472813 Sedi (mgrkg) \$pee PD 4.1 183 SD 4.5 18.6 18.	Area 65 6/26/2013 Self (mp/kg) Aspa R ND Aspa R ND Aspa R Aspa	Aresid5 W20/2013 Bind (cog/tg) 3,550 K ND \$152 FK ND \$23 FK ND \$24 FK \$25 FK	#26/2013 8xd (cog/tg) 4/900 K ND 24 4x4 K ND 25 26/000 E 10.7 54 540 13.7 540 13.7 540 E 13.7 541 13.800 K 13.7 541 13.800 K 13.7 542 13.7 543 13.800 K 13.7 1	6726/2013 860 (topskg) 46928 E 500 13.1 14.5 14.5 14.6 15.6 16.	979/7813 Bid (mg/kg) 4/30 R ND 2-1 2-1 2-2 2-3 2-5 R 6-11 d 17/00 R 13.3 2-3 d 13.4 2-3 m 13.5 2-3 d 13.6 2-3 m 13.6 2-3	#25/2913 #86 (mg/kg) 358 ND 114 5.7 J ND 144 184 J 63.7 J 64.7 16.1 80.0 16.2 16.3

Notes:
All reads are preferringly and have not goes through any data review or validation process. Detected occurrentsions we bedded.

2 - Sample occurrentsion accorded the upper level of the subbasion range.

3 - Indicates the sported value is an extension.

9 - Indicates the sample was exemplated at a higher district.

N - Ladicates the sample was exemplated at a higher district.

N - Ladicates the sample was exemplated at a higher district.

10 - Indicates the sample was exemplated to be tot and decoded.

• Result reported those a district a nalysis but district not suported as part of the pretinterpry data.

Table 5 Prefindancy Analytical Data Summary Table - I perganica Superior Barrel and Drum Sin Superior Expendent 2013

RST 1 Sample ID	P001-8-4002-1	P00 I-S-6003-1	P001-5-4004-1	P00 1-5-4005-1	P001-8-6005-3	P001-5-6006-1	P90 1-5-4007-1	P001-5-6000-1	P001-5-7001-1	P001-5-7002-1	P001-5-7003-1
CLP Sumple ID	MBAZR5	MBAZR6	MBAZZ7	MHAEYI	MBAZY4	MBAZZ5	MBAZZ4	MBAZY3	MBAEVS	MBAZY	MBAZO7
Апто	Arrade	Areatta	Arra#4	Arrabi	Arratti	Arra46	Arrabil	Arra#6	Altra07	Arra#7	Arra#7
Semples Date	9/29/28 13	9/29/20 (3	9/26/2013	9/24/2013	9/26/2013	9/26/2013	9/26/2913	9/26/2013	9/24/2013	9/26/2013	9/25/2013
Sample Matrix (Cale)	Sell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (top/kg)	Gell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)	Sell (mg/kg)
Aluminum	1429	158	2574 K	3.790 E	3.990 X	1339 E	339 K	1277.75			
Artimony	ND	ND	ND	ND	ND ND	ND ND	ND.	ND ND	1481	1,170,16	6879.5
Arrents	0.49 J	127	3.9	и	- 14	34	29	11	ND.	ND	ND TO
Berlyn	139	244	624 K	49.1 K	353.8	IN K			-14		4.0
Berdium.	ND	. ND	ND ND	621.1	ND ND	ND ND		22.1 11	354 K	734 R	69.4 K
Cadmium	631.1	14	197	1314	1377	33	ND ND	ND.	ND	4363	6.25 J
Calcipm	15000	136	U.S. L.	WA E	1A39 B				HU	н	1.9
Chronism	+43	1,7	193	124		23,490 25	539 K	1341.1	16.494 K	AAN K	7,949 %
Cotals	61.9	111		37.4	13.4	777	114	9.4	<u> </u>	73.9	34.9
Corpet	. 723	H -	- 34		17.1	16)	24.1	12.1	177	14	3
Iron	20,500	LUM .	334 B		161	411		13.7	19.5	R1	49,7
Leed	1710	19		I SHOUL	13.199 K	43,599 DE*	JAMA DE	14.294 K	6.5% X	17,290 K	14.794 R
Magnigina				10.1	31.3 F	1490 K	431.8	184 E	147 B	. 65 E	344 K
	3,004	<u></u>		1.019	1340	1,499	377.3	709	2.319	LAIO	LAR.
Manganeso	117	37	185 E	PST 8	93.9 B	Jeg Ji	175 K	77.1 K	ALA N	123 K	171 H
Netel	134	21	Щ	1.3	- 4	59.4	181	AL .	4	161	. 143
Potentum	213.2	162.4			195 /	165 J	165.4	214.3	257.4.	851	524
Schenkura	12.7		ND	831.4	. ND	9.59 3	N	ND	ND	ND	9,99.4
Selves		ND.	1,5	14	ii	16.9	ND	949 J		A.T	2.5
Soften	100	11,494	mı	5.76	49.8 J	137.3	514.	45.7 /	2747	P37	111.1
Thefirm	NO.	ND	Ð	70	ND	ND	MD	ND	ND	ND	ND
Vanedium	44.6	54	14	214	IM.	13-7	133	IM.	12.6	49.4	NI NI
Zinq	177	17.4	131 R	954 R	117 R	157 R .	10 E	51.5 K	44.5 K	263 E	293.8
Mercury	1 040	2014.2		9-15	9.14	0.073 J	0441.3	MM I	6A27 d	, (i)	(J)
Cyenida	14	8.49	134.1	8.34 J	6.32 J	N	8.63	ND -	94) <i>4</i>	ND ND	(1) i

BST 1 Sample ID	P00 -5W-1001-1	P001-5W-3001-1	P001-5W-3001-3	P001-5W-3002-1	P001-5W-4001-1
CLP Sample 1D	MBB019	MBB020	ATRECE	MBBOT2	MBB4E)
Arra	Arrall	Arrell	Anal)	Atra03	Åres84
Sampling Date	9/27/2013	9/27/2013	9/37/2913	9/27/28 13	9/27/29 13
Sample Matrix (Uall)	Burface Water (mg/L)	Surface Water (ng/L)	Surface Water (ng/L)	Surface Water (ng/L)	Surface Water (ng/L)
Alverigen	583	ND	ND	2,239	L319
Antimony	ND.	ND	. ND	. ND	ND
Arsenie	ND.	ND.	ND.	ND	. ND
Barium		ND.		#1	ND .
Berellium	ND.	ND .	. ND	ND.	ND
Cadmium	13.1	ND		ND	ND
Celcium.	34,399	9.439	8,870	25,000	54,000
Chromhan	. 441	ND	ND	7.5 4	54.1
Cohelt		ND	ND	10.0 J	ND
Corret	261	2	NĐ	10.1	
lron	11,000	JJN	159	23,400	2,644
Leed	214	M	. 477	944	34.6
Mogneshan	7,449	1.791.4		4,250 J	5.790
Минен	199	170	27.4	1,290	261
Nickel	164.3	ND ND	ND	515	ND
Potention	5,409	284) J	1249.3	11.299	4,700 2
Selenium	ND.	ND	ND	ND	ND
श्लीभा	ND	ND	ND	ND	ND
Sndilven	15,344	2.330 J	349.1	29,794	4/10.1
Thelikm	ND .	ND.	ND	ND	. ND
Vapadiom	ND	ND .	ND .	ND.	ND
Zimo	417	144	494	PM .	111
Mercury	ND	ND.	ND.	ND	ND
Cyanida	47.3 J	4.1.3	14.4	35 (49.1

Notes:
All results are performinely and have not gone through any data saview or validation process. Detected connectations are Belded.

E. Semple connectations are Belded.

J. Indicates the specific value is no existent.

J. Indicates the specific value is no existent.

N. Endicates the sample was enoughed at a bigher dilution.

N. Endicate presumptive verificates of the analyse.

ND Indicates the analyse was enalyse.

RNI Result appointed Stome at delivering analysis.

Table 6 Validated Analytical Data Summery Table - RCRA Characteristics Superior Barret and Drum Site September 2013

RST 2 Sample ID		P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
Area		Area01	Ares01	Area01	Ares01	Ares01	Area01	Arez01	Ares01	Arex01	Ares01	Ares01
Sampling Date		9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste
	MDL/Unit			•								
Corrosivity (as pH)	ьн	7.14	8.97	6.69	641	6.43	8.01	7.18	7.07	5.81	5.97	13.21
Flashpoint	-	>212	180	>212	165	145	>212	>212	100	>212	130	>212
Igritability	rc				•			•	•	•		
	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND ON	2.7	ND	ND	ND
	10 mg/Kg	.30	iĝ.	19	32	32	30	26	32	14	ND	18
	1											
RST 1 Sample ID		P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
Area		Ares01	Ares01	Ares01	Area01	Ares01	Ares01	Ares01	Area01	Ares02	Ares02	Aren02
Sampling Date		9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix		Liquid Weste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste *	Liquid Waste	Liquid Waste *
	MDL/Unit	anguis trade					, , , , , ,					
	pH	6.44	4.68	8.7	9.57 J	9.37 J	5.08	4,92	3.83	418	12.78	8.08
Flashpoint	FF	98	92	115	98	82	68	70	70		139	-
Lenitability	rc				~~~~	:	.	-		NO	•	NO
	0.050 mg/Kg	ND	ND	0.725	0.125	0.11	- DA	ND	ND	ND	ND	ND .
	10 mg/Kg	32	30	34	32	38	26	30	29	ND	ND	14
Sulde, reactive	In na kys				· · · · · · · · · · · · · · · · · · ·							
RST 2 Sample ED		P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-I	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
Area		Ares02	Ares01	Ares01	Area03	Area02	Ares02	Area02	Ares01	Ares02	Ares02	Ares01
Sampling Date		9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Weste	Sludge Waste	Liquid Waste	Liquid Waste *	Liquid Waste	Liquid Waste *	Liquid Waste *
	MDL/Unti	Enquiu Wasie	EXQUITE THE I	Enquie viane	Language Comment							
	pH	8.17 J	8.86 J	6.67	6.18	9.48	13.21	7,97	4,27	8.89	7.61	4.58
Flashpoint	P F	172	145	>212.0	>112.0	RD	92	90	-	88	•	
Igritability	°C -			-112.0	- 1100				YES		YES	YES
	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.737	МĐ	ND.
	10 mg/Kg	13	14	13	11	37	38	35	38	37	38	37
Simmle, reserve	10 min vil		. 19		<u> </u>	<u> </u>	~					
RST 2 Sample ID		P001-DW-2046-I	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2039-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
Area		Ares02	Ares01	Áres02	Ares02	Area01	Ares02	Area02	Ares02	Area01	Ares02	Ares02
Sampling Date		9/24/2013	- 9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/15/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Weste
	MDL/Ualt											5,53
	pН	4.14	4.53	10.07	637	6.82	4.46	11.97	6.19	12-19	633	>212
Flashpoint	, Ł	82	80	78	79	78	78	92	78	80	78	>111
lgritability	¹C		•	•			<u> </u>	<u> </u>	<u> </u>		ND ND	ND ND
	0.050 mg/Kg 10 mg/Kg	ND 120	ND 40	ND 37	ND 40	0.279 37	ND 37	0.349	ND 42	0.122	40	21

Notes:

These samples were collected as liquid waste samples, but were determined to be solidified by the laboratory and, therefore, the ignituability test was performed.

ND - Indicates the analyte was analyzed for but not detected.

NO - Does not ignite.

YES - Ignites MDL - Method detection limit.

J - Indicates the reported value is an estimate.

Table 6 Validated Analytical Data Summary Table - RCRA Characteristica Superfor Barrel and Drum Site September 2013

RST 2 Sample ID		P001-DW-2065-1	Deed Divised i			T						
Area		Ares01	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DVV-2090-1	P001-DW-2090-2
Sampling Date		9/25/2013	Area02	Ares02	Area03	Area01	Area02	Aren02	Area02	Ares02	Ares02	Ares02
			9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix	To make 1	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Waste	Sludge Waste	Liquid Waste	Liquid Waste
	MDL/Usk											
Corrosivity (as pH)	рH	5.11	4,96	531	5.35	3.94	4.91	5.27	5.87	4,59	5,76	5.81
Flashpoint	° F	76	78	185		76	76	>212	76		74	78
Ignitability	'c		<u> </u>	·	•	•	· ·	•		YES	· ·	
Cyanide, Reactive	0.050 mg/Kg	ND	ND	0.068	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg		м	26	38	42		30	40	39	26	27
			·					***************************************				<u>8/</u>
RST 2 Sample 1D		P001-DW-2093-1	P001-DVV-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DVV-4006-1	P001-DW-5001-3	P001-DW-5002-3	P001-DW-5006-3
Area		Aren02	Area02	Ares02	Area02	Area02	Ares02	Ares02	Ares04	Area05	Area05	
Sampling Date		9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/21/2013	9/27/2013	9/27/2013	9/24/2013	9/24/2013	Area05
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Uguld Waste	9/24/2013
	MDL/Unit							angung trans	ENGRIG WALLE	radge withs	radara waste	Liquid Waste
Corrosivity (as pH)	pН	5.72	6.28	6.01	6.64	7.08	7.87	616	5.88	661		
Flashpoint	°F	76	76	74	76	76	74	76	78	76	6.17	8.14
Ignitability	°c								/8	76	76	108
Cyanide, Reactive	0.050 mg/Kg	ИD	ND	ND	ND	ND	ND	ND	ND			·
Sulfide, Reactive	10 mg/Kg	29	38	30	32	17	40	39		0.882	1.7	MD
						·		. 38	30	43	37	<u> </u>
RST 2 Sample ID		P001-DVV-5006-4	P001-DW-5009-3	P001-DW-5013-3	P001-DW-5023-3	P001-DW-5024-3	P001-DW-5027-3	P001-DW-5029-3	P001 P111 (00 (0			
Area		Ares05	Ares05	Area05	Aren05	Ares05	Area05	Area05	P001-DW-6006-3	P001-DW-6009-3	P001-DW-6010-3	P001-DW-6011-3
Sampling Date		9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	Ares06	Area06	Area06	Ares06
Sample Matrix		Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Weste			9/24/2013	9/24/2013	9/24/2013	9/24/2013
	MDL/Uzit				sadne same	TOTAL MESSE	Liquid Waste	Liquid Weste	Liquid Waste	Liquid Waste	Liquid Weste	Liquid Weste
Corrosivity (as pH)	pH	8.16	6.15	1.81	2,66	3,17	3,29	3.62				
Flashpoint	PP			141	4.00	1 3.17			4	65t		4.00
			04	700							6.39	4.38
	P.C	82	. 84	78	- 3	83	78	84	78	79	76	4.38
Ignitability	°c	•	•		NO TIP		78	84		78	76	NO NO
Ignitability Cyanido, Reactive	°C 0.050 mg/Kg	ND	ND .	ND	ND	ND	78 - ND	84 . ND	ND	78 ND		
Ignitability	°c	•	•				78	84		78	76	NO
Ignitability Cyanida, Reactive Sulfide, Reactive	°C 0.050 mg/Kg	ND 29	ND 42	ND 38	ND 46	ND 37	78 - ND 42	84 ND 38	ND 35	78 - ND 40	76 - ND 46	NO ND
Ignitability C) anide, Reactive Sulfide, Reactive RST 1 Sample ID	°C 0.050 mg/Kg	ND 29 P001-DW-6017-3	ND 42 P001-DW-6018-3	ND 38 P001-DW-6011-3	ND 46 P001-DW-6024-3	ND 37 P001-DW-6035-1	78 - ND 42 P001-T-W-6038-1	84 - ND 38 P001-TW-6038-2	ND 35 P001-8-2001-1	78	76 - ND 46 P001-S-2003-1	NO ND
Ignitability Cyanida, Reactive Sulfide, Reactive	°C 0.050 mg/Kg	ND 29	ND 42	- ND 38 P001-DW-6011-3 Area@6	ND 46 F001-DW-6024-3 Acre06	ND 37 P001-DW-6035-1 Area06	78 ND 42 P001-TW-6038-1 Arce06	84 . ND 38 P001-TW-6038-2 Aren06	ND 35 P001-9-2001-1 Aces02	78 ND 40 F001-8-2007-1	76 ND 46 P001-S-2003-1 Aren02	NO ND 42 P001-8-3001-1 Area03
Ignitability Cyanida, Reactive Sulfide, Reactive RST 2 Sample ID Area	°C 0.050 mg/Kg	ND 29 P001-DW-6017-3 Aren06	ND 42 P001-DW-6018-3 Area06	ND 38 P001-DW-6011-3 Aren06 9/24/2013	ND 46 P001-DW-6024-3 Acen06 9/24/2013	ND 37 P001-DW-6035-1 Ares06 9/20/2013	78 ND 42 P001-TW-6038-1 Ares06 97/7/2013	94 . ND 38 P001-TW-6038-2 Aren06 9/17/2013	ND 35 P001-8-2001-1 Acre03 9/20/2013	78 ND 40 F001-S-2002-1 Arei02 9/16/2013	76 ND 46 P001-S-2003-1 Arri02 976/2013	NO ND 42 P001-8-3001-1 Ares(0) 9/20/2013
Ignitability Cyanida, Reactive Sulfide, Reactive RST I Sample ID Area Sampling Date	°C 0.050 mg/Kg	ND 29 P001-DW-6017-3 Aren06 9/24/2013	ND 42 P001-DW-6018-3 Ares06 97447013	- ND 38 P001-DW-6011-3 Area@6	ND 46 F001-DW-6024-3 Acre06	ND 37 P001-DW-6035-1 Area06	78 ND 42 P001-TW-6038-1 Arce06	84 . ND 38 P001-TW-6038-2 Aren06	ND 35 P001-9-2001-1 Aces02	78 ND 40 F001-8-2007-1	76 ND 46 P001-S-2003-1 Aren02	NO ND 42 P001-8-3001-1 Area03
Ignitability Cyanida, Reactive Sulfide, Reactive RST I Sample ID Area Sampling Date	0.050 mg/Kg	ND 29 P001-DW-6017-3 Aren06 9/24/2013	ND 42 P001-DW-6018-3 Ares06 97447013	ND 38 P001-DW-6011-3 Aren06 9/24/2013	ND 46 P001-DW-6024-3 Acen06 9/24/2013	ND 37 P001-DW-6035-1 Aren06 970-72013 Liquid Waste	78 ND 42 F001-TW-6038-1 Acc006 9727/7013 Liquid Waste	94 . ND .38 P001-TW-6038-2 Aren06 9/17/2013 Liquid Waste	ND 35 P001-8-2001-1 Atm02 9/20/2013 Soll	78 ND 40 P001-S-2002-1 Arcs02 978/2013 Soll	76 ND 46 P001-S-2003-1 Arr#02 9/26/2013 Soll	NO ND 42 P001-8-3001-1 Ares03 9/20/2013 Sell
Ignitability Cyanida, Renctive Sulfide, Renctive RST 2 Sample ID Area Sampling Date Sample Matrix Corresivity (as ph)	PC DOSO mg/Kg IO mg/Kg	ND 29 P001-DW-6017-3 Ares06 972472013 Liquid Weste	ND 42 P001-DW-6018-3 Ares06 974/2013 Liquid Weste	ND 38 P001-DW-6011-3 Arcs06 97A/7013 Liquid Waste	ND 46 P001-DW-4024-3 Aren06 9724/2013 Liquid Waste	ND 37 P001-DW-6035-1 Aren06 970/2013 Liquid Waste	78 ND 42 P001-TW-6038-1 Acc806 97/7/2013 Uiguld Waste	94 ND 38 P001-TW-6038-2 Arse06 9/17/2013 Liquid Waste B21 J	ND 35 F001-8-2001-1 Arrs02 97072013 Soil	78 ND 40 F001-S-2002-1 Arei02 9/16/2013	76 ND 46 P001-S-2003-1 Arri02 976/2013	NO ND 42 P001-8-3001-1 Ares(0) 9/20/2013
Ignitability Cyando, Reactive Sulfido, Reactive RST 2 Sample ID Area Sampling Date Sample Matrix	MDL/Upit	ND 29 P001-DW-6017-3 Arre05 97247013 Liguid Waste	MD 42 P001-DW-6018-3 Ares06 974/2013 Liquid Weste 1126	ND 38 P001-DW-6011-3 Arcs016 97M/7013 Liquid Waste	ND 46 F001-DW-6024-3 Artr06 9724/2013 Liquid Waste 8.07	ND 37 P001-DW-6035-1 Aren06 970-72013 Liquid Waste	78 ND 42 F001-TW-6038-1 Acc006 9727/7013 Liquid Waste	94 . ND .38 P001-TW-6038-2 Aren06 9/17/2013 Liquid Waste	ND 35 P001-8-2001-1 Arre02 9/20/2013 Sol1	78 ND 40 P001-8-2001-1 Ares02 926/2013 Soil 647	76 ND ND 46 P001-S-2003-1 Ares02 Sed Sed 6.24	NO ND 42 P001-S-3001-1 Arcs(Q) 9/20/2013 Soft
Ignitability Cyanida, Reactive Sulfide, Reactive RST 2 Sample ID Area Sample Matrix Corrosivity (es pH) Flashpoint	OC D.D.SD mg/Kg IO mg/Kg IO mg/Kg	ND 29 P001-DW-6017-3 Arre05 97247013 Liguid Waste	MD 42 P001-DW-6018-3 Ares06 974/2013 Liquid Weste 1126	ND 38 P001-DW-6011-3 Arcs016 97M/7013 Liquid Waste	ND 46 F001-DW-6024-3 Artr06 9724/2013 Liquid Waste 8.07	ND 37 P001-DW-6035-1 Aren06 970/2013 Liquid Waste	78 ND 42 P001-TW-6038-1 Acc806 97/7/2013 Uiguld Waste	94 ND 38 P001-TW-6038-2 Arse06 9/17/2013 Liquid Waste B21 J	ND 35 F001-8-2001-1 Arrs02 97202203 Soil	78 ND 40 P001-S-2002-1 Arcs02 978/2013 Soll	76 ND 46 P001-S-2003-1 Arr#02 9/26/2013 Soll	NO ND 42 P001-8-3001-1 Ares03 9/20/2013 Sell

Mones:

* These samples were collected as liquid waste samples, but were determined to be solidified by the laboratory and, therefore, the ignituality test was performed.

J - Indicates the reported value is an estimate.

ND - Indicates the analyte was analyzed for his not detected.

NO - Does not ignite.

YES - Ignites
MDL - Method detection limit.

Table 6 Validated Analytical Data Semmary Table - RCRA Characteristica Superior Barred and Dram Site September 2013

RST 2 Sample (D		P001-S-3001-2	P001-8-3002-1	P001-8-3003-1	P001-8-3004-1	P001-S-3005-1	P001-8-3006-1	P001-8-3007-1	P001-S-3008-1	P001-S-3009-1	P001-8-3010-1	P001-S-3011-1
Area		Ares03	Area03	Åres03	Ares03	Ares03	Ares03	Ares03	Ares03	Area03	Area03	Ares03
Sampling Date		9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix		Sall	Soli	Soti	Soli	Soti	Sell	Sell	Soli	Sell	Soli	Soll
	MDL/Uati							L				
Corrosivity (as pH)	pH	5.42 J	6.23	5.66	6.19	6.43	6.5	6.73	64	6.53	5.36	4.77
Flashpoint	'F	•	•		•	•	•	•			NO .	NO
Ignitability	°C	NO	NO	NO	NO NO	NO	NO	NO	NO	NO		
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	29	ND	ND	ND	ND	ND	ND
Sulfido, Reactivo	10 mg/Kg	13	13	11	38	39	40	38	34	41	42	46
RST 2 Sample ID		P001-S-3012-1	P001-8-3013-1	P001-S-4001-1	P001-8-4002-1	P001-S-4003-1	P001-S-5001-1	P001-8-5002-1	P001-S-5003-1	P001-8-5004-1	P001-S-5005-1	P001-8-6001-1
Área		Ares03	Aren03	Ares04	Aren04	Ares04	Ares05	Ares05	Ares05	Ares05	Ares05	Area06
Sampling Date		9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix	i	Sall	Soli	Sall	Soll	Soli	Soli	Sali	Soft	Sell	Soli	Soil
	MDL/Uatt			·								
Corrosivity (as pH)	рH	6.28	હા	6.96	7.94	7.03	7.62	7.26	7.13	7.25	6.24	5,71
Flashpoint	'F	NO	NO	NO NO	NO	NO	NO	NO	NO	NO NO	NO	•
Ignicatility	l'c			•	•	•	•	•	•	•		NO
Cyanido, Reactive	0.050 mg/Kg	ND ·	ND	ND	, ND	ND	ИD	ND	ND	ND	ND	CDA CDA
Sulfate, Reactive	10 mg Kg	48	46	29	27	40	45	41	38	43	46	14
					•							
RST 2 Sample ID		P001-8-6002-1	P001-8-6003-1	P001-8-6004-1	P001-8-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-8-7003-1
Area		Ares06	Ares06	Агев06	Area06	Ares06	Ares06	Area06	Area06	Area07	Area07	Ares07
Sampling Date	ì	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix		Soti	Soti	Soll	Sall	Soll	SoE	Sofi	Soft	Soll	Sail	Sol
	MDL/Unit											
Corrosivity (as pH)	pН	5.55	12.96	7.58	6.97 J	6.85 J	7,45	6.88	5.71	8.07	7.22	7.17
Fleshpoint	° P	•	•	NO	NO	NO .	NO	NO	NO	NO	NO	NO
Igratability	°c	NO	NO NO	•		•	•	•	I	•	•	•
Cyanide, Reactive	0.050 mg/Kg	ND	ИD									
Sulfide, Reactive	10 mg/Kg	16	13	45	43.1	62 J	61	62	30	24	18	13

Notes:

* These samples were collected as liquid waste samples, but were determined to be solidified by the laboratory and, therefore, the ignitability test was performed.

J. Indicates the reported value is an estimate.

NO - Indicates the snaltyte was analyzed for but not detected.

NO - Does not ignite.

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ACTION MEMORANDUM FOR THE SUPERIOR BARREL AND DRUM SITE ELK, GLOUCESTER COUNTY, NJ SITE ID A23K

ATTACHMENT C

Site Layout and Area Designation Map



ACTION MEMORANDUM FOR THE SUPERIOR BARREL AND DRUM SITE ELK, GLOUCESTER COUNTY, NJ SITE ID A23K

ATTACHMENT D

Site Photographs







